
SECTION HEADING

CST 1420: Convergence Technology

Description

Convergence Technologies is study of telecommunications convergent technologies including telephone, LAN, WAN, wireless, voice, video, and internet protocol. This course Introduces the student to Voice, Video and Integrated data (VVID) over IP networks to provide seamless and secure communications solutions to business and home technology needs.

Credits

3

Prerequisite

CST 1190

Topics to be Covered

1. Technology trends
2. Video compression, encoding and transport in open and closed networks
3. Digital rights management
4. Network Architecture
5. Quality of Service
6. Secure network services

Learning Outcomes

1. Identify industry standards and Protocols for converged networks.
2. Define convergence.
3. Troubleshoot converged networks.
4. Describe Multimedia Architecture.
5. Explore current VOIP implementations.
6. Identify methods for providing video services through a converged solution.

Credit Details

Lecture: 2

Lab: 1

OJT: 0