SECTION HEADING

CST 2350: Virtual Computing

Description

Virtual Computing is a hands-on course that introduces virtual technologies used in an enterprise network environment. This course includes virtualization and storage management concepts using VMWare server virtualization products. Students will install and configure a network in a virtual environment, including applications and desktop virtualization. By learning basic deployments, upgrades, virtual workloads, advanced network architectures, multitenant clouds, and back up and disaster recovery. Students will be prepared to work in a virtual technology environment.

Credits

3

Prerequisite

CST 1190

Topics to be Covered

1. Virtualization software definition and types

2. Uses of Virtualization software

3. Virtual applications and environments

Learning Outcomes

1. Identify the cause and cost of network downtime.

2. Describe SAN technology.

3. Describe server virtualization.

4. Analyze active and passive server clustering.

5. Evaluate concepts for cloud computing.

6. Implement server virtualization.

Credit Details

Lecture: 2

Lab: 1

OJT: 0