

CIT 246 - WINDOWS SERVER INFRASTRUCTURE

Course Description

Students taking this course will learn how to setup, configure, and maintain a Windows Server Infrastructure. Topics covered include Dynamic Host Configuration Protocol (DHCP), Domain Name Systems (DNS), Distributed File Systems (DFS), and Virtual Private Networks. This course maps to the 70-741 Networking with Windows Server 2016 certification exam. Group 2 course.

Credit Hours

3

Contact Hours

4

Lecture Hours

2

Lab Hours

2

Required Prerequisites

CIT 213 or instructor permission

General Education Outcomes supported by this course

Critical Thinking - Direct

Course Learning Outcomes

Knowledge:

- Summarize network infrastructure concepts.

Application:

- Configure name resolution.
- Configure Network Policy Server (NPS).
- Configure remote access.

Integration:

- Connect networking infrastructure concepts to business.

Human Dimension:

- Discuss the importance of a network administrator's role in an organization.
- Work with others to achieve a desired outcome.

Caring - Civic Learning:

- Explore how their role has a direct impact on the productivity of others.

Learning How to Learn:

- Recognize the importance of staying updated on technology.
- Seek out solutions to problems on their own.