

BUSI SYS NETWORKING/ TEL (ITNW)

ITNW 1416

Network Administration

CRT HRS:4 LEC HRS:3 LAB HRS:3 OTH HRS:0

This course is an introduction to the basic concepts of network administration.

Prerequisites: None.

ITNW 1425

Fundamentals of Networking Technologies

CRT HRS:4 LEC HRS:3 LAB HRS:3 OTH HRS:0

This course provides instruction in networking technologies and their implementation. Topics will include the OSI reference model, network protocols, transmission media, and networking hardware and software.

Prerequisite: None.

ITNW 1451

Fundamentals of Wireless LANs

CRT HRS:4 LEC HRS:3 LAB HRS:3 OTH HRS:0

This focus of this course is to design, plan, implement, operate, and troubleshoot Wireless Local Area Networks (WLANs). Includes WLAN design, installation, and configuration; and WLAN security issues and vendor interoperability strategies.

Prerequisites: ITCC 1414.

ITNW 1453

Supporting Network Server Infrastructure

CRT HRS:4 LEC HRS:3 LAB HRS:3 OTH HRS:0

This course covers installing, configuring, managing, and supporting a network infrastructure.

Prerequisite: ITSY 2400 and ITNW 1416.

ITNW 1454

Implementing and Supporting Servers

CRT HRS:4 LEC HRS:3 LAB HRS:3 OTH HRS:0

This is a course in the development of skills necessary to implement, administer, and troubleshoot information systems that incorporate servers in a networked computing environment.

Prerequisite: ITCC 1414.

ITNW 2164

CAPSTONE: Network Practicum

CRT HRS:1 LEC HRS:0 LAB HRS:0 OTH HRS:10

This course provides practical, general workplace training supported by an individualized learning plan developed by the employer, college, and the student.

Prerequisite: Concurrent enrollment in ITCC 2420.

ITNW 2421

Networking with TCP/IP

CRT HRS:4 LEC HRS:3 LAB HRS:3 OTH HRS:0

This course will prepare the student to set up, configure, use, and support Transmission Control Protocol/Internet Protocol (TCP/IP) on networking operating systems.

Prerequisite: ITNW 1425.

ITNW 2435

Network Troubleshooting and Support

CRT HRS:4 LEC HRS:3 LAB HRS:3 OTH HRS:0

In this course the student is provided instruction in the techniques used to troubleshoot and support networks with emphasis on solving real world problems in a hands-on environment. Topics will include troubleshooting and research techniques, available resources, and network management hard/software.

Prerequisite: ITCC 1444 and ITNW 1454.