

**ITNW 1316  
Network Administration**

**Western Texas College**

- I. Basic Course Information
  - A. An introduction to the basic concepts of network administration.
  - B. Any required prerequisites: None.
- II. Student Learning Outcomes
  - A. Describe a network; explain the role of directory services; set up and manage users; distributed print services; file system and directory services security.
- III. Major Course Requirements
  - A. Final Exam.
- IV. Information on Books and Other Course Materials
  - A. Book: Hands-On Networking Fundamentals, Second Edition. *ISBN: 10: 1-111-30674-5*
- V. Other Policies, Procedures and Important Dates are available in the WTC Course [Catalog](#).
- VI. Course Organization and Schedule
  - A. Weekly Course Schedule

Week Number	Section/Online Work
Week 1	Chapter 1 – Networking: An Overview, Course Introduction
Week 2	Chapter 1 – Networking: An Overview
Week 3	Chapter 2 – How LAN and WAN Communications Work
Week 4	Chapter 3 – Using Network Communication Protocols
Week 5	Chapter 4 – Connecting Through a Cabled Network
Week 6	Chapter 5 – Devices for Connecting Networks
Week 7	Chapter 6 – Connecting Through a Wireless Network
Week 8	Chapter 7 – Sharing Resources
Week 9	Chapter 8 – Using a Server
Week 10	Chapter 8 – Using a Server
Week 11	Chapter 9 – Understanding WAN Connection Choices
Week 12	Chapter 10 – Basic Network Design
Week 13	Chapter 11 – Securing Your Network
Week 14	Chapter 12 – Maintaining and Troubleshooting Your Network

Week 15	Appendix A – A Short History of Networks Appendix B – Network Certifications and Network Equipment Vendors
Week 16	Finals

Disclaimer: Schedule and content is subject to change at the instructor's discretion.

Class/Lab Assignments	40%
Project	20%
Open Book Exams	20%
Final Exam	20%

Last Modified: August 27, 2015