

Course Syllabus

Edit

ITNW 1358: Network+ Fall 2022

Course Description:

Assists individuals in preparing for the Computing Technology Industry Association (CompTIA) Network+ certification exam and career as a network professional. Identify and define terminology, hardware, and software components of computer networks; utilize equipment, protocols, and topologies to differentiate between various network systems; demonstrate skills in installing network hardware, software, and cable; troubleshoot network connectivity; configure network protocol, and install and configure network client software. **Prerequisites: ITNW 1325 or ITCC 1314**

Student Learning Objectives:

- Describe the evolution of data communication
- List and describe various data communication protocols of importance
- Identify and define terminology, hardware, and software components of computer networks
- Describe alternative networking approaches and topologies
- Troubleshoot network connectivity
- Describe various important hardware devices used in networking
- Describe the tasks associated with network management
- Describe the tasks associated with maintaining network security
- Describe Wired and Wireless configurations

Text and Supplies:

MindTap Network+ Bundle – Cengage Technology, ISBN-13: 978-0-3577-0003-7

Network+ Guide to Networks, West/Dean/Andrews; 8th ed. Course Technology, ISBN-13: 978-1-3375-6933-0

Cengage MindTap Network+ course access

USB Flash/Jump/Thumb drive (recommended size: 16-32GB)

A computer with Internet access

Course Schedule:

A schedule of coursework due dates is posted in CANVAS. This schedule is subject to change or alteration by the instructor as necessary to achieve the course outcomes.

Instructor Information:

Instructor information, including contact information and scheduled office hours, are posted to CANVAS.

Course Policies:

It is each student's responsibility to become familiar with Midland College policies as detailed in the Midland College Student Handbook. Any requests for clarification of Midland College policies and their relevance to the course should be addressed to the course instructor.

Course Census: Students MUST actively participate by completing an academically related activity assigned by the instructor by the official course census date. Students who do not complete the census activity by the course census date will be reported as never attended and dropped from the course.

Students with Disabilities: Midland College provides services for students with disabilities through Student Services. To receive accommodations, students must visit www.midland.edu/accommodation (Links to an external site.) and complete the Application for Accommodation Services located under the Apply for Accommodations tab. Services or accommodations are not automatic; each student must apply and be approved to receive them. All documentation submitted will be reviewed, and a "Notice of Accommodations" letter will be sent to instructors outlining any reasonable accommodations.

Scholastic Dishonesty: The coursework submitted for this course must be original work prepared by the student enrolled in this course. As defined in the Midland College handbook, cheating, plagiarism, and other forms of academic dishonesty can result in appropriate disciplinary action.

Participation: This course will be fast-paced. Therefore, students must keep up with the schedule by studying and completing all assignments on time. Active class participation in course activities is essential to complete this course. Effective preparation for the class includes reading course materials and completing assigned coursework. Students who would like additional help with course materials should contact the instructor for assistance.

Communication: Effective communication is critical to the successful completion of this course. Questions about the course or requests for assistance with course materials

should be addressed to the instructor by telephone during scheduled office hours, or through CANVAS at any time. All digital correspondence between students and the instructor should be via student email or CANVAS.

Mobile/Cell Devices: Cell phones should be placed on either vibrate or silent mode and accessed in emergency cases only. Please note that the CANVAS App for mobile devices does not connect to this course in the same manner as the desktop browser link. In most cases, content and links to third-party providers (Cengage, Pearson, TestOut) may not be accessible or work properly when accessed via the mobile app. Therefore attempting to participate in this course via cell phone or mobile(tablet) platforms will not be effective and strongly discouraged.

Late Work: All graded coursework will include a due date when assigned. If coursework must be submitted later than the scheduled due date, the student should not expect to receive the maximum credit available for the assignment. Therefore, late submissions should be discussed with the instructor before the due date when possible and will be evaluated on a case-by-case basis.

CANVAS access: A critical component of student success is remaining connected to course activity outside of scheduled class meetings. This requires students to access the CANVAS course continually throughout the semester. Important information will be posted to the course via Announcements, assignment comments, and other feedback methods that are not accessible through the calendar and To-Do list. It is the responsibility of the student to regularly access course items to receive this information.

Student Contributions:

- Students are expected to access the course in CANVAS frequently to be informed of announcements related to the course.
- Students are expected to utilize effective time management strategies to complete course assignments.
- Students are expected to participate in activities related to topics covered in the course.
- Students are expected to complete and submit all assigned coursework by the due dates listed in CANVAS.
- Students are expected to utilize all resources provided to complete coursework related to the course.

Instructor Contributions:

As an instructor, I acknowledge the importance of clear, timely communication with students. Therefore, to facilitate communication with students, I will:

- Provide my contact information and scheduled office hours in CANVAS.

- Respond to all messages within 24 hours if received Monday through Thursday and 48 hours if received Friday through Sunday.
- Notify students of any extended times that I will be unavailable and provide them with alternative contact information for assistance during any time that I am unavailable.

As an instructor, I anticipate that my students will complete assigned coursework to the best of their abilities. Therefore, to assist students in this area, I will:

- Provide clear information about assignment requirements in CANVAS and grading policies in the course syllabus.
- Communicate any changes to assignments or the course calendar to students as quickly as possible.

As an instructor, I understand that I need to provide regular, timely feedback to students about their performance in the course. Therefore, to keep students informed about their progress, I will:

- Post grades and comments, when needed, for all graded coursework within one week of the due date.
- Maintain scheduled office hours and keep scheduled appointments to meet with students.

Grading/Evaluation:

Coursework submitted by the student will be evaluated by the instructor throughout the semester. It is the responsibility of the student to keep track of assignment submissions and grades. Students are encouraged to meet with the instructor regularly to discuss academic progress in the course.

Coursework will be assigned a maximum point value for each assignment and will be posted in CANVAS. Points earned for submitted assignments will be recorded in the CANVAS grade book.

All assignments will be weighted according to the grading scheme noted below to determine a final grade. Upon conclusion of the course, the student's final grade will be converted to the appropriate semester grade and will be reported to the registrar's office.

Course Activity	Weight	Final Grade
Reading Quizzes	20%	100% - 90% A

Online Labs	20%	89% - 80%	B
Chapter Exams	20%	79% - 70%	C
Major Exams	40%	69% - 60%	D
Final Grade	100%	59% - 0%	F

Students should not stop completing class assignments and expect a grade of "I" or "W." It is the student's responsibility to contact the instructor should circumstances arise that impairs or prevents the student from completing the course. The instructor will attempt to help the student complete the course. However, if the student cannot complete the course, the student must contact the Office of Student Services at Midland College and officially drop the class. Otherwise, a grade of "F" will be reported for the semester grade.

Midland College does not discriminate based on race, color, national origin, sex, disability, or age in its programs and activities. The following individual has been designated to handle inquiries regarding the non-discrimination policies:

*Tana Baker
 Title IX Coordinator/Compliance Officer
 3600 N. Garfield, SSC 131
 Midland, Texas 79705
 (432) 685-4781
tbaker@midland.edu*

For further information on notice of non-discrimination, visit the ED.gov Office of Civil Rights website, or call 1 (800) 421-3481.