

Implementing and Supporting Client Operating Systems (ITNW 1308 6A1)

CREDIT

3 Semester Credit Hours (2 hours lecture, 4 hours lab)

MODE OF INSTRUCTION

Hybrid

PREREQUISITE/CO-REQUISITE:

None

COURSE DESCRIPTION

The fundamentals of managing and configuring network clients.

COURSE OBJECTIVES

Upon completion of this course, the student will be able to

1. Install and configure network clients.
2. Setup users, groups, policies, and profiles.
3. Configure hardware components and applications.
4. Setup and maintain a logon security and security for files and printers.
5. Configure and optimize clients in multiple environments.

INSTRUCTOR CONTACT INFORMATION

| | |
|-----------------------------|---|
| Instructor: | Bonnie Cobb |
| Email: | bscobb@lit.edu |
| Department Office Phone: | (409) 839-2092 |
| Department Office Location: | TA-4, Room 103 |
| Office Hours: | 10:00 – 11:00 a.m. MW By Appointment |



**LAMAR INSTITUTE
OF TECHNOLOGY**

REQUIRED TEXTBOOK AND MATERIALS

1. Cengage MindTap access to [*Microsoft 365 Modern Desktop Administrator Guide to Exam MD-100: Windows 10, 1st Edition*](#); Wright, Byron and Plesniarski, Leon; Cengage, 2022. ISBN-13: 978-0357501818
 - a. **How to buy** your Course Materials
 - i. Sign into Blackboard and click on this course.
 - ii. Click on the **Getting Started** link in the **Course Content** section.
 - iii. Create or sign into your Cengage account to access or purchase the materials for this course.

NOTE: If you are taking additional courses that use Cengage materials, you can save money by purchasing a Cengage Unlimited plan, which gives you access to all Cengage eTextbooks and online homework platforms for one price. Visit cengage.com/unlimited or your campus bookstore to learn more.
 - b. Beware of sites that are selling discounted codes. These sources are likely unauthorized sellers who have acquired access codes illegally, and transactions with such sources may pose a risk to your personal information.
 - c. Need help? Visit startstrong.cengage.com for step-by-step registration instructions and videos.
2. Cyber Security and Networking Technology students are required to have one 64 GB or larger capacity USB Flash Drive to be used for the duration of the time to complete their degree.

ATTENDANCE POLICY

Three absences are allowed. If a student is tardy to class or departs early three (3) times, it will be equal to one (1) absence. Each absence beyond three absences will result in a 2-point deduction from your final grade.

DROP POLICY

If you wish to drop a course, you are responsible for initiating and completing the drop process. If you stop coming to class and fail to drop the course, you will earn an "F" in the course.

COURSE CALENDAR

| DATE | TOPIC | READINGS (Prior to the Weekly Lecture) | ASSIGNMENTS (Due at end of the Week) |
|---------|--|--|---|
| Week 1 | Syllabus; Course Introduction; Cengage MindTap Access | Course Syllabus Course Orientation | |
| Week 2 | Introduction to Windows 10 | Module 1 | Pre-Assessment Quiz Prerequisite Lab |
| Week 3 | Using the System Utilities | Module 2 | Module 1 Labs Module 1 Practice Test Module 1 Quiz |
| Week 4 | User Management | Module 3 | Module 2 Labs Module 2 Practice Test Module 2 Quiz |
| Week 5 | Networking | Module 4 | Module 3 Labs Module 3 Practice Test Module 3 Quiz |
| Week 6 | Managing Disks and File Systems | Module 5 | Module 4 Labs Module 4 Practice Test Module 4 Quiz |
| Week 7 | Windows 10 Security Features | Module 6 | Module 5 Labs Module 5 Practice Test Module 5 Quiz |
| Week 8 | User Productivity Tools | Module 7 | Module 6 Labs Module 6 Practice Test Module 6 Quiz |
| Week 9 | Windows 10 Application Support | Module 8 | Module 7 Labs Module 7 Practice Test Module 7 Quiz |
| Week 10 | Performance Tuning and System Recovery | Module 9 | Module 8 Labs Module 8 Practice Test Module 8 Quiz |
| Week 11 | Enterprise Computing | Module 10 | Module 9 Labs Module 9 Practice Test Module 9 Quiz |
| Week 12 | Managing Enterprise Clients | Module 11 | Module 10 Labs Module 10 Practice Test Module 10 Quiz |
| Week 13 | Automating Windows 10 Deployment | Module 12 | Module 11 Labs Module 11 Practice Test Module 11 Quiz |
| Week 14 | Review Week | Modules 1-12 | Module 12 Labs Module 12 Practice Test Module 12 Quiz |
| Week 15 | Prepare for Final Exam | Modules 1-12 | Final work on all assignments Study for Final Exam |
| Week 16 | Final Exam Week | | Final Exam: Modules 1-12 |

COURSE EVALUATION

Final grades will be calculated according to the following criteria:

- Module Labs 30%
- Practice Tests on MindTap 10%
- Module Quizzes 30%
- Final Exam (Post-Assesment Quiz) 30%

GRADE SCALE

- 90-100 A
- 80-89 B
- 70-79 C
- 60-69 D
- 0-59 F

TECHNICAL REQUIREMENTS

The latest technical requirements, including hardware, compatible browsers, operating systems, etc. can be found online at <https://lit.edu/online-learning/online-learning-minimum-computer-requirements>. A functional broadband internet connection, such as DSL, cable, or WiFi is necessary to maximize the use of online technology and resources.

DISABILITIES STATEMENT

The Americans with Disabilities Act of 1990 and Section 504 of the Rehabilitation Act of 1973 are federal anti-discrimination statutes that provide comprehensive civil rights for persons with disabilities. LIT provides reasonable accommodations as defined in the Rehabilitation Act of 1973, Section 504 and the Americans with Disabilities Act of 1990, to students with a diagnosed disability. The Special Populations Office is located in the Eagles' Nest Room 129 and helps foster a supportive and inclusive educational environment by maintaining partnerships with faculty and staff, as well as promoting awareness among all members of the Lamar Institute of Technology community. If you believe you have a disability requiring an accommodation, please contact the Special Populations Coordinator at (409) 951-5708 or by email to specialpopulations@lit.edu. You may also visit the online resource at [Special Populations - Lamar Institute of Technology \(lit.edu\)](#).

STUDENT CODE OF CONDUCT STATEMENT

It is the responsibility of all registered Lamar Institute of Technology students to access, read, understand and abide by all published policies, regulations, and procedures listed in the LIT Catalog and Student Handbook. The LIT Catalog and Student Handbook may be accessed at www.lit.edu. Please note that the online version of the LIT Catalog and Student Handbook supersedes all other versions of the same document.

STARFISH

LIT utilizes an early alert system called Starfish. Throughout the semester, you may receive emails from Starfish regarding your course grades, attendance, or academic performance. Faculty members record student attendance, raise flags and kudos to express concern or give praise, and you can make an appointment with faculty and staff all through the Starfish home page. You can also login to Blackboard or MyLIT and click on the Starfish link to view academic alerts and detailed information. It is the responsibility of the student to pay attention to these emails and information in Starfish and consider taking the recommended actions. Starfish is used to help you be a successful student at LIT.

ADDITIONAL COURSE POLICIES/INFORMATION

Course Policies

1. No food, drinks, or use of tobacco products in class.
2. Electronic devices not being used for the class, such as phones and headphones, must be turned off while in class. Any device usage during class may result in a deduction of points on an assignment or test.
3. Do not bring children to class.
4. Certification: If s student passes the certification test that is associated with this class you will receive an “A” on the final exam and credit for 25% of your labs. If you have missed a previous test you must still take the final exam to substitute for that grade.
5. If you wish to drop a course, the student is responsible for initiating and completing the drop process. If you stop coming to class and fail to drop the course, you will earn an ‘F’ in the course.
6. Tools: Return all tools and/or software to their designated place.
7. A grade of ‘C’ or better must be earned in this course for credit toward degree requirement:
8. Additional course policies, as defined by the individual course instructor, will be outlined in the course addendum and provided by the instructor.

Certification Requirement

CSNT majors are required to earn certification in one of the following areas prior to graduation.

- A+ Certification
- Network+ Certification
- Security+ Certification
- Linux+ Certification
- Cisco Certified Network Associate (CCNA)