COMPUTER INTEGRATION
CPMT 2333 2B4 – Spring 2023

INSTRUCTOR CONTACT INFORMATION

Instructor:	Susan Joiner
Email:	sljoiner@lit.edu
Office Phone:	409-247-5326
Office Location:	TA4 Room 103A
Office Hours:	MW 7:30-8:00am; 12:00-3:00pm TR7:30-8:00am; 1:30-3:00pm

CREDIT

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

MODE OF INSTRUCTION

Online

PREREQUISITE/CO-REQUISITE:

None

COURSE DESCRIPTION

Integration of hardware, software, and applications. Customization of computer systems for specific applications such as engineering, multimedia, or data acquisition.

COURSE OBJECTIVES

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

- Integrate special applications in the areas of multimedia, data acquisition, or engineering.
- Install and maintain various hardware and software components for specialized applications.
- Analyze and test system operations.

REQUIRED TEXTBOOK AND MATERIALS

Cengage MindTap access to *CompTIA Network+ Guide to Networks, 9th Edition*, West; Cengage, 2023

a. **How to buy** your Course Materials
   Step 1: Sign into **Blackboard** and click on **this course**
   Step 2: Click on the Cengage link: **Getting Started** in the *Getting Started with Cengage MindTap* section.
   Step 3: 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 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.

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 by the specified drop date as listed on the Academic Calendar. If you stop coming to class and fail to drop the course, you will earn an "F" in the course.

STUDENT EXPECTED TIME REQUIREMENT
For every hour in class (or unit of credit), students should expect to spend at least two to three hours per week studying and completing assignments. For a 3-credit-hour class, students should prepare to allocate approximately six to nine hours per week outside of class in a 16-week session OR approximately twelve to eighteen hours in an 8-week session. Online/Hybrid students should expect to spend at least as much time in this course as in the traditional, face-to-face class.

COURSE CALENDAR

DATE	TOPIC	READINGS (Due on this Date)	ASSIGNMENTS (Due on this Date)
Week 1	Introduction to Networking	Module 1 See Blackboard Calendar	Sim Lab 1-2 Lab 1-1 Lab 1-2 Lab 1-3 Quiz 1
Week 2	Infrastructure and Documentation	Module 2 See Blackboard Calendar	Lab 2-1 Lab 2-2 Lab 2-3 Lab 2-4 Quiz 2
Week 3	Addressing	Module 3 See Blackboard Calendar	Lab 3-1 Lab 3-2 Lab 3-3 Lab 3-4 Quiz 3

Week 4	Protocols	Module 4 See Blackboard Calendar	Lab 4-1 Lab 4-2 Lab 4-3 Quiz 4
Week 5	Cabling	Module 5 See Blackboard Calendar	Lab 5-1 Lab 5-2 Lab 5-3 Lab 5-4 Quiz 5
Week 6	Wireless Networking	Module 6 See Blackboard Calendar	Lab 6-1 Lab 6-2 Quiz 6
Week 7	Network Architecture	Module 7 See Blackboard Calendar	Lab 7-1 Lab 7-2 Lab 7-3 Lab 7-4 Quiz 7
Week 8	Segmentation	Module 8 See Blackboard Calendar	Sim Lab 8-1 Sim Lab 8-2 Quiz 8
Week 9	Wide Area Networking	Module 9 See Blackboard Calendar	Lab 9-1 Quiz 9
Week 10	Risk Management	Module 10 See Blackboard Calendar	Lab 10-1 Lab 10-2 Lab 10-3 Quiz 10
Week 11	Security in Network Design	Module 11 See Blackboard Calendar	Lab 11-1 Lab 11-2 Quiz 11
Week 11	Performance and Recovery	Module 12 See Blackboard Calendar	Lab 12-1 Lab 12-2 Lab 12-3 Quiz 12
Week 12	Final Exam	Final Exam See Blackboard Calendar	Final Exam

COURSE EVALUATION

Final grades will be calculated according to the following criteria:

- Labs   45%
- Module Quizzes   20%
- Final Exam   35%

GRADING SCALE

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

LIT does not use +/- grading scales

ACADEMIC DISHONESTY

Students found to be committing academic dishonesty (cheating, plagiarism, or collusion) may receive disciplinary action. Students need to familiarize themselves with the institution's Academic Dishonesty Policy available in the Student Catalog & Handbook at http://catalog.lit.edu/content.php?catoid=3&navoid=80#academic-dishonesty.

TECHNICAL REQUIREMENTS

The latest technical requirements, including hardware, compatible browsers, operating systems, etc. can be 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 email 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 Requirements
1. Students can complete this course without physically visiting the institution offering the course.
2. The student will access and utilize the online textbook.
3. The student will have weekly access to BlackBoard via Internet and is expected to log into BlackBoard 4-5 times weekly.
4. The student will post discussions by the due dates shown on the course calendar.
5. The student will submit weekly homework assignments by the due dates shown on the course calendar.
6. The student will complete weekly quizzes by the due dates shown on the course calendar.
7. The student will complete four unit exams by the due dates shown on the course calendar.
8. The student will complete the final exam by the due date shown on the course calendar.

Course Policies
1. A grade of 'C' or better must be earned in this course for credit toward degree requirement.
2. Students must provide their own textbooks, writing instruments, and other necessary supplies for classes.
3. Students must log onto Blackboard and access this course a minimum of four times per week.
4. Students must respect one another and all faculty in all online classroom sections.
5. Internet Usage – Students are expected to use proper net etiquette while participating in course emails, assignment submissions, and online discussions.
6. Cheating of any kind will not be tolerated.
7. All exams will be taken on the scheduled dates. There will be NO MAKE UP EXAMS.
8. All assignments are due when stated. Late assignments will receive 10-point deduction per day it is late. If it is past 3 days the most you can make is a 70.
9. Students are expected to follow the Lamar Institute of Technology Code of Conduct and Disciplinary Policy.
10. If you wish to drop a course, the student is responsible for initiating and dropping the

course. If you stop logging-in to the course and do not complete the course drop process, then you will receive an "F" grade for the course.

11. The instructor will respond to e-mail and voice mail communication within 48 hours Monday through Friday. Assignment grades will be published within 2 weeks of the assignment due date.

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)