

Intro To Computer (ITSC 1301)

CREDIT

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

MODE OF INSTRUCTION

Face to Face

PREREQUISITE/CO-REQUISITE:

There are no Prerequisite/Co-requisites for this course.

COURSE DESCRIPTION

Introduces computer concepts, including fundamental functions and operations of the computer. Topics include identification of hardware components, basic computer operations, security issues, and use of software applications.

COURSE OBJECTIVES

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

- Demonstrate an understanding of the role and function of computers and use the computer to solve problems.
- Discuss the social, legal, and ethical implications of using computers (software licensees, Internet, e-mail, viruses, home offices, data theft).
- List major computer peripherals and their functions.
- Identify major considerations in the purchase of hardware and software.
- Know the differences between application, utility, and system software.
- Know the basic concepts of operating systems and file management.

INSTRUCTOR CONTACT INFORMATION

Instructor: Abhinav Kamatham

Email: Akamatham@lit.edu

Office Phone: 409-257-0058

Office Location: TC-230

Office Hours: Monday & Wednesday 8:00 a.m. – 9:00 a.m.
Tuesday & Thursday 8:00 a.m. – 11:00 a.m.
Friday 8:00am – 1:00pm



**LAMAR INSTITUTE
OF TECHNOLOGY**

REQUIRED TEXTBOOK AND MATERIALS

Understanding Computers: Today and Tomorrow, Comprehensive, 15th Edition, Deborah Morley, Charles S. Parker, ISBN-13: ISBN-13: 9780357697603

ATTENDANCE POLICY

Attendance is recorded in Starfish for each class meeting.

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.

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	ASSIGNMENTS /Quizzes (Due on this Date)
Week 1	Overview & Syllabus	
Week 2	Chapter 1. Introduction to the World of Computers	2/7/2025
Week 3	Chapter 2. The System Unit: Processing and Memory	2/7/2025
Week 4	Chapter 3. Storage	2/21/2025
Week 5	Chapter 4. Input and Output	2/21/2025
Week 6	Chapter 5. System Software: Operating Systems and Utility Programs	3/7/2025
Week 7	Chapter 6. Application Software	3/7/2025
Week 8	Chapter 7. Computer Networks	3/8/2025
Week 9	Spring break	
Week 10	Midterm Exam	3/5/2025
Week 11	Chapter 8. The Internet and the World Wide Web	3/28/2025
Week 12	Chapter 9. Network and Internet Security	3/28/2025
Week 13	Chapter 10. Multimedia and the Web	4/11/2025
Week 14	Chapter 11. E-Commerce	4/11/2025
Week 15	Chapter 12. Information Systems and System Development	4/26/2025
Week 16	Final Exam	5/05/2025

Final grades will be calculated according to the following criteria:

- Assignments 40%
- Midterm 25%
- Finals 35%

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 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 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.

AI STATEMENT

Lamar Institute of Technology (LIT) recognizes the recent advances in Artificial Intelligence (AI), such as ChatGPT, have changed the landscape of many career disciplines and will impact many students in and out of the classroom. To prepare students for their selected careers, LIT desires to guide students in the ethical use of these technologies and incorporate AI into the classroom instruction and assignments appropriately. Appropriate use of these technologies is at the discretion of the instructor. Students are reminded that all submitted work must be their own original work unless otherwise specified. Students should contact their instructor with any questions as to the acceptable use of AI/ChatGPT in their courses.

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

- Students should log onto Blackboard and access this course at least 3 times a week to keep on track with assignments. And do the assignments by each due date. There are 11 Units. For each unit, there will be a unit quiz in class, students should take it in person.
- Students should come to class to take Midterm and Final exams in person.
- Students should turn assignments in by the posted due date and time. The due dates are to keep you on track to a successful finish.
- Cheating of any kind will not be tolerated.
- Internet Usage – Students are expected to use proper net etiquette while participating in course emails, assignment submissions, and online discussions.
- Students should turn assignments in by the posted due date and time. Late work is not accepted. All assignments and quizzes stay open the entire term.
- 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.
- If you need to contact the instructor, you can send an e-mail to akamatham@lit.edu. Your e-mail will be answered within 48 hours Monday – Thursday and within 72 hours Friday - Sunday. Be sure to include specific details and your section number, which chapter, assignment, and question you are working on. It is always extra helpful if you can include screenshots so I can see what you are referring to.
- **ABSOLUTELY NO ASSIGNMENTS, EXAMS, PROJECTS OR TESTS WILL BE REOPENED.** I strongly encourage you to complete all work well in advance of the Due Date, so you

don't miss anything. The entire course is available from day 1 for you to work as fast as you can. Once all the work is completed, you are through with the class.

- Assignment may NOT be submitted via email.