Computer Programming
ITSC 1302 2A1

INSTRUCTOR CONTACT INFORMATION

Instructor:	Joseph D. Jordan
Email:	jdjordan1@lit.edu
Office Phone:	409-839-2092
Office Location:	N/A
Office Hours:	Virtual by Appointment Only

CREDIT

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

MODE OF INSTRUCTION

Hybrid

PREREQUISITE/CO-REQUISITE:

None

COURSE DESCRIPTION

Introduction to computer programming, including design, development, testing, implementation, and documentation.

COURSE OBJECTIVES

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

- Design, write, test and document computer programs

REQUIRED TEXTBOOK AND MATERIALS

- Programming Logic & Design, Comprehensive
  ISBN-13: 9780357430590

ATTENDANCE POLICY

Students must log in weekly to ensure they are informed of due dates, assignments turned in on time, and any announcements.

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.

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)
1/29/2023	Introduction to Mindtap		Pre-Course Assessment
2/5/2023	An Overview of Computers and Programming		Unit 1 Assignments
2/8/2023	An Overview of Computers and Programming		Unit 1 Test
2/12/2023	Elements of High-Quality Programs		Unit 2 Assignments
2/15/2023	Elements of High-Quality Programs		Unit 2 Test
2/26/2023	Understanding Structure		Unit 3 Assignments
3/1/2023	Understanding Structure		Unit 3 Test
3/12/2023	Making Decisions		Unit 4 Assignments
3/22/2023	Making Decisions		Unit 4 Test
3/26/2023	Looping		Unit 5 Assignments
3/29/2023	Looping		Unit 5 Test
4/2/2023	Arrays		Unit 6 Assignments
4/5/2023	Arrays		Unit 6 Test
4/9/2023	File Handling and Applications		Unit 7 Assignments
4/12/2023	File Handling and Applications		Unit 7 Test
4/16/2023	Advanced Data Handling Concepts		Unit 8 Assignments
4/19/2023	Advanced Data Handling Concepts		Unit 8 Test
4/23/2023	Advanced Modularization Techniques		Unit 9 Assignments
4/26/2023	Advanced Modularization Techniques		Unit 9 Test
4/30/2023	Object-Oriented Programming		Unit 10 Assignments
5/3/2023	Object-Oriented Programming		Unit 10 Test
5/11/2023	Final Project		Final Project

COURSE EVALUATION
Final grades will be calculated according to the following criteria:
- Assignments   70%
- Unit Test   15%
- Final Project   15%

GRADE SCALE

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

LIT does not use +/- grading scales

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
1. You are responsible for all assignments posted, and any late work will have a small late penalty.
2. Unit Tests will allow multiple attempts, but after the due date will not be available for retakes.
3. The Final Project must be turned in by the due date and will not be graded if turned in late