COSC 1436 2001
Programming Fundamentals I
Fall 2022
Hybrid

Instructor Name: Jennifer Marquez

Classroom: APA 201
Time: T, TH 9:30 – 12:20

Join by video system
Dial JENNIFMARQUEZ@lonestar.webex.com and enter your host PIN .
You can also dial 173.243.2.68 and enter your meeting number.

Join by phone
1-408-792-6300 Call-in number (US/Canada)
Access code: 808 823 607

Office: TIB 205H
WebEx: https://lonestar.webex.com/meet/JENNIFMARQUEZ | 808823607

Office Hours: MWF 12:45PM – 2:45PM Calendly: calendly.com/jennifer-l-marquez
E-mail: Jennifer.L.Marquez@lonestar.edu

Office Phone: (281) 312 - 1603

Department Chair: Lisa Hall (Lisa.M.Hall@lonestar.edu)
Department Assistant: Nicole Alvarez (Nicole.R.Alvarez@lonestar.edu)
Division Dean: Roger Chambers (Roger.Chambers@lonestar.edu)

Required Texts: C++ Programming: An Object Oriented Approach, 1st
Author: Fourouzan/ Gilberg
ISBN: 9781260547726

Prerequisites: College Level Readiness in Reading AND Writing; MATH 0310

Catalog Description:
Contact Hours - Lecture: 2 Lab: 3
Introduces the fundamental concepts of structured programming. Topics include software
development methodology, data types, control structures, functions, arrays, and the mechanics of
running, testing, and debugging. This course assumes computer literacy. CIP Code: (1102015507)

Student Learning Outcomes
1 - Describe how data are represented, manipulated, and stored in a computer.
2 - Categorize different programming languages and their uses.
3 - Understand and use the fundamental concepts of data types, structured programming, algorithmic design, and user interface design.
4 - Demonstrate a fundamental understanding of software development methodologies, including modular design, pseudo code, flowcharting, structure charts, data types, control structures, functions, and arrays.
5 - Develop projects that utilize logical algorithms from specifications and requirements statements.
6 - Demonstrate appropriate design, coding, testing, and documenting of computer programs that implement project specifications and requirements.
7 - Apply computer programming concepts to new problems or situations.

Communication Policy:
My goal is to provide an acknowledgment of receipt or response to inquiries within 24 hours of communication. I will reply within 24 hours. My response time may be slower if emailed during the weekend.

Grade Distribution—Point system:
A = 100–90;   B = 89–80;   C = 79–70;   D = 69–60;   F = 59–0

Assignments	**275**
Quizzes	**175**
Midterm	**250**
Final	**300**

Attendance and Participation:
It is critical to be present in your class whether online or on campus. It is the policy of the department and the school for students to attend courses.

An institution of higher education may not permit a student to drop more than SIX (6) courses, including any course a transfer student has dropped at another Texas public institution of higher education. Eligible criteria for a waiver include a) change of work schedule prohibiting attendance, b) active military, c) severe illness or debilitating condition, d) death of a family member, e) class cancellation, and f) complete withdrawal. Developmental Studies courses do not apply to this rule.

Last Day to Drop (Official Day): September 6, 2022

Last Day to Withdraw: October 5, 2022

Late and Make-up Work: Any assignment submitted after the due date and within one week after the due date is subject to a 10-point deduction. Assignments later than one week will not be accepted and a grade of 0 will be assigned. There is no need for make-up work in this course.

Other Class Policies: Late quizzes are not accepted.

Online Learning:
The instruction for online learning classes is delivered via the Internet. Students must have access to a computer and Internet services. Students enrolling in online classes are expected to login to their classes before the end of the first day of the class. Student having any difficulties should contact LSC Online helpdesk as soon as possible by calling 832-813-6600 or click the support button in the D2L class.

Kingwood Diversity, Equity, and Inclusion Statement:
Lone Star College-Kingwood is committed to offering a learning environment that promotes the study of varied perspectives. The topics that are covered in college courses are often challenging, academically and emotionally; this allows students to assess basic assumptions, take agency over learning, and engage in dialogue with empathy for classmates. We will talk about differing ideas without being confrontational, respect all experiences and cultures, and maintain respect for others and their perspectives. We embrace diversity, we advance equity, and we cultivate inclusion.

Lone Star College System Policies:
Please use the following link to find ALL LSC policies, procedures, and student success information. It is your personal, academic, and legal responsibility to know and adhere to the information provided.

http://www.lonestar.edu/syllabus-policies

Behavior Intervention Team:
The overall goal of the Behavioral Intervention Team is to promote a safe college environment for all students and staff focused on student learning and student development. By encouraging all members of the campus community to communicate behaviors that are concerning and provide support and connect students with resources that can assist them.

If a community member (student, faculty or staff) behaves in a way that is disruptive or poses a threat to any aspect of the LSCS community, such behaviors should be reported to the Behavior Intervention Team. If you see something, say something….

You are encouraged to identify yourself because this may assist the BIT if clarification or additional information is needed. Submitting your name also gives your report more credence. Anonymous entries will be evaluated on a case-by-case basis. File a report: https://www.lonestar.edu/16834.htm

For student behavior issues, contact the campus person handling discipline issues, and contact the police department for any serious issues.

Veteran Statement:
For more information on Veterans' Affairs click here Veterans' Affairs Office or visit the Veteran's Office on campus.

Counseling Services: https://www.lonestar.edu/CIS.htm
Kingwood: Titania Jackson at titania.jackson@lonestar.edu

Lone Star College-Kingwood Learning Commons	
Virtual and On-Campus Services Available	
D2L & Office Apps Help	**Tutoring & Study Skills**
• How to Use D2L (YouTube) Website: kwlibguides.lonestar.edu/LC-technology/technology-in-LC Phone: 281-312-1693 Email: Kingwood.Library@LoneStar.edu	• Math, Science, and Writing Website: www.lonestar.edu/lsc-kingwood-tutoring Phone: 281-312-1439 Email: Amanda.R.Vela@lonestar.edu
Research & Citation Help	**Learning Commons**
• Course Material • Research & Citation Guides Website: www.lonestar.edu/library/kingwood Phone: 281-312-1693 Email: Kingwood.Library@LoneStar.edu	• Student IDs • Study space • Technology in the LC Website: www.lonestar.edu/kw-learning-commons Phone: 281-312-1691
Make an Appointment in WC Online! lonestar.mywconline.com/	

Course Schedule:

Week	Date	Topic	Chapter	Notes
1	Aug 29 – Sep 2	Introduction to Computers and C++	1	
2	Sep 3 – Sep 9	Basics of C++ Programming	2	
3	Sep 10 – Sep 16	Expressions and Statements	3	
4	Sep 17 – Sep 23	Selection	4	Midterm 1 - 4
5	Sep 24 – Sep 30	Repetition	5	
6	Oct 1 – Oct 7	Functions	6	
7	Oct 8 – Oct 14	Arrays	7	
8	Oct 15 – Oct 19	Multidimensional Arrays	7	Final 4 - 7