

CSIS 3700L - Data Structures and Objects Lab

Fall 2026 Syllabus, Section 02, CRN 42485,

Credit hours: 1

Instructor

Hailong Jiang

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Public Instructor Information

Instructor Title: Assistant Professor

Instructor Professional Qualifications: Ph. D. in Computer Science, Kent State University, 2025

Instructor Office Location: Meshel Hall, Room 320

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Course Description

3700L. Data Structures and Objects Lab. Programming laboratory for CSIS 3700: Data Structures and Objects. This laboratory will meet for 100 minutes per week. Prereq.: "C" or better in either CSIS 2605 or CSIS 2610. Coreq.: CSIS 3700. 1 s.h.

Course Readings

Group	Title	Author	ISBN
	Data Structure and Other Object Using C++	Main and Savitch	978-0132129480

Edition : 4th edition

Publisher : Pearson

The course readings are subject to change in the event of extenuating circumstances, research developments, current events, and/or to ensure better learning.

Schedule of Topics and Assignments

Day	Date	Reading(s)	Proposed Topic	Due/To Prepare for Class
Fri	8/28	Chapter 1-2	Instruction to Unix	
Fri	9/4	Chapter 2-3	Lab 2: makefile exercise HW1	
Fri	9/11	Chapter 4	Lab 3: debugger skills	
Fri	9/18	Chapter 5	Lab 4: linked list practice	
Fri	9/25	Chapter 5	Lab 5: Linked List Review HW2	
Fri	10/2	Chapter 5	Lab 6: building templates HW3	
Fri	10/9	Chapter 6	Lab 7: Iterator from scratch HW4	
Fri	10/16	Chapter 7-8	Lab 8: To-do list manager (Using vector) HW5	
Fri	10/23	Chapter 9	Lab 9: Recursion Practice HW 6	
Fri	10/30	Chapter 9	Lab 10: Tree traversals HW7	

Fri	11/6	Chapter 10	Lab 11: B-tree project work HW8
Fri	11/13	Chapter 12	Lab 12: B-tree project work HW9
Fri	11/20	No Class	
Fri	11/27	No Class	
Fri	12/4	Chapter 13	Lab 13: Sorting Program HW10

The course schedule, policies, procedures, and assignments in this course are subject to change in the event of extenuating circumstances, by mutual agreement, and/or to ensure better learning.