

CSIS 2610L - Programming and Problem-Solving Lab

Fall 2026 Syllabus, Section A01, CRN 43217,

Credit hours: 1

Instructor

Rachel Gramann

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Public Instructor Information

Instructor Title: Dr. Rachel Gramann

Instructor Professional Qualifications:

- DBA - Capella University (2022)
- MBA - Capella University (2018)
- BS Computer Science - Carroll University (2007)

Instructor Office Location: <https://ysu.webex.com/ysu/j.php?MTID=m19be15b48ec755a05b3b04b5a68c5243>

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Course Description

2610L. Programming and Problem-Solving Lab. Programming laboratory for CSIS 2610. This laboratory will meet for 100 minutes per week. Coreq.: CSIS 2610. 1 s.h.

Course Readings

Group	Title	Author	ISBN
	Starting Out with C++ from Control Structures through Objects Tenth Edition	Tony Gaddis	8220127140546

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

Week of	Reading(s)	Proposed Topic	Due/To Prepare for Class
8/24	Chapter 1 & 2	Introduction to C++ & Basic Structure	Discussion, Quiz, Assignment
8/31	Chapter 3 & 4	Expressions, Interactivity & Decisions	Discussion, Quiz, Assignment
9/7	Chapter 5 & 6	Loops, Files & Functions	Discussion, Quiz, Assignment
9/14	Chapter 7 & 8	Arrays & Vectors	Discussion, Quiz, Assignment
9/21	Chapter 9 & 10	Pointers, Characters & the String Class	Discussion, Quiz, Assignment
9/28	Chapter 11, 13 & 14	Data & Classes	Discussion, Quiz, Assignment
10/5	Chapter 15	Inheritance & Exceptions	Discussion, Quiz, Assignment

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.