

Problem Solving and Programming - CS200

Section: CS200 816251S Online

Credit Hours: 4.00

Course Description: An exploration of algorithm design principles and their application in procedural programming, focusing on state, control structures, functions, and modularity. Topics include patterns of conditional and iterative control structures, program testing techniques, and an introduction to data structures, classes, and objects. Students will engage in programming projects that emphasize problem analysis, solution design, and the development of well-structured programs.

WHEN Start Date: 08/25/2025 End Date: 12/11/2025

Days:

Arranged

Arranged

INSTRUCTOR

NABIL ABDULLAH

BOOKS

Title: JAVA: AN INTRODUCTION TO PROBLEM SOLVING 8TH Edition

Author: SAVITCH

Required: Yes