



# C Programming

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Length: Two days

Level: Beginner

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## DESCRIPTION

This course provides a solid foundation in C. Students gain an understanding of key structured programming concepts and valuable hands-on experience developing C programs.

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## OBJECTIVES

Upon completion of the course, participants will be able to:

- Read and understand C syntax
  - Create, compile and run C programs
  - Use and distinguish variables, constants, arrays, and pointers
  - Use functions, flow of control instructions, and data structures
  - Manage inputs and outputs of a C program
  - Produce reliable, reusable code
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## TOPICS

- Overview of C
  - Basic syntax
  - Fundamental data types
  - Flow of control
  - Functions
  - Arrays, pointers, and strings
  - Preprocessor
  - Data Structures
  - Input / output
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## AUDIENCE

- Software Developers
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## **PREREQUISITES**

- Some software development experience.