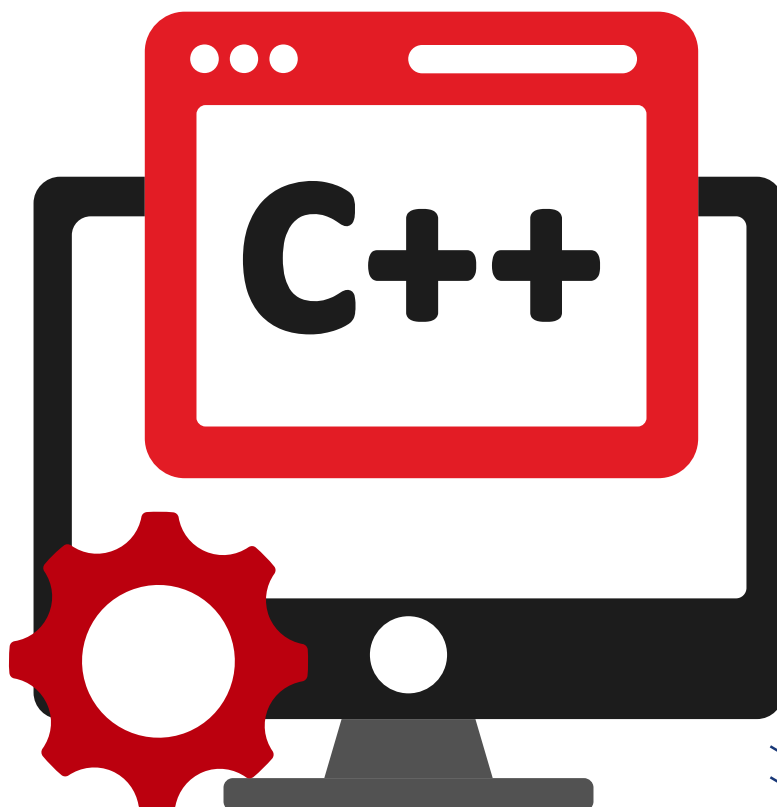
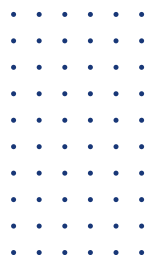


Certificate In C and C++ Programming

Course Details



Do you enjoy coding? Do you want to build your career in Programming?

Start learning C Programming with us!

This programming language is a widely used and developed to write an operating system. Also, to do application level programming. This is the building block of Computer Technology. This course covers the fundamentals of Computer theories including the flow of a program using branch statements, repetition, nesting of structures, creating and modifying arrays, how arrays are organized in memory. After completing this course, you can work as a Programmer, Embedded Programmer, System Engineer.

Syllabus & Skills covered (120 hours)



- Grasp programming fundamentals (variables, data types, operators, control flow). Identify keywords, constants, variables in C programs.
- Construct basic C programs for calculations, printing, and user interaction. Utilize arithmetic, logical, and comparison operators to manipulate data and make decisions.
- Control program flow with if and else statements for conditional execution.
- Apply AND, OR, NOT operators to create complex decision-making logic.
- Employ comparison operators (>, <, ==, !=) for conditional checks.
- Learn effective control flow techniques for well-structured programs.
- Implement while and for loops for code repetition based on conditions.
- Implement switch statements to efficiently handle branching based on multiple conditions.

Career Opportunities



- **System Programmer**
- **Junior C/C++ Developer**
- **Software Developer**
- **Embedded Software Engineer**
- **Game Developer**



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