



BECOME A MASTER IN



Your Path to Mastery Begins Here!



C & C++ Course Mission

SevenMentor Institute leads the way in providing cutting-edge IT Training and Skill Development across India. We have strived to establish an ideal learning atmosphere at all our training centers. We prepare our students to become dependable future professionals. Our institute aspires to promote universal access to learning for students. To achieve our mission of promoting better learning we invite all students to enroll in our C & C ++ Course. Join us today to make a fulfilling career in the C & C++ Developer.

C & C++ STATISTICS:



INDUSTRY INSIGHTS

84%

Websites have some form of
C & C++ based Applications

33%

Year on Year Growth For All
C & C++ Jobs

Learn C & C++ and Be in Demand Always!

In today's rapidly evolving Tech Industry, being a skilled **C & C++** is a valuable asset. C & C++ are programming languages that can be used for developing applications such as game development, GUI applications, operating systems, databases, etc. SevenMentor's comprehensive **C & C++** Course is designed to equip you with the knowledge and practical skills to handle every aspect of **C & C++**.

Become an Omnipresent C & C++ PROGRAMMER !



In the constantly changing world of programming languages, C & C++ are like the experts that have been around for a long time and are still super important in making software. To be a top-notch C & C++ developer, you need to really understand these languages and use their strengths to work on a whole bunch of different things. It's not just about being good at them, but also having a full-on approach to C & C++ development that lets you be a big deal in the software world.

Start Learning to Start Applying:

Gain practical C & C++ experiences through well designed courses, latest tools and excellent teachers.



Experienced Faculty



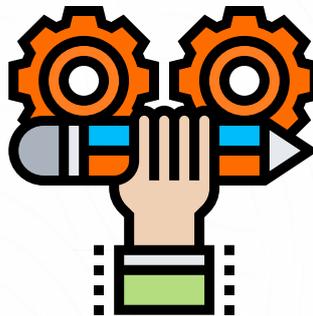
Flexible Scheduling



Hands-On Learning



Mock Interview Sessions



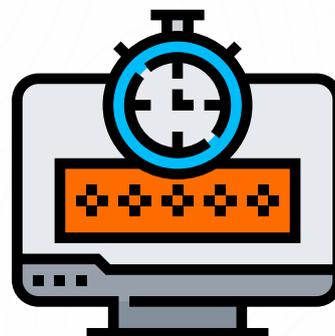
Real-World Projects



Career Support



Comprehensive Curriculum



Lifetime Access



C Language

Introduction and First Program

- A. Why Programming
- B. Types of Programming
- C. Introduction C
- D. Benefits of C
- E. Some Facts about C
- F. Understanding First C Program
- G. Executing using IDE

Variables and Data Types

- A. 'C' Tokens
- B. Identifiers
- C. Keywords
- D. Data Types
- E. Variables
- F. Constants

Operators In Java A.

- A. Printf function
- B. Scanf function
- C. Unformatted Functions

Functions

- A. What is a Function
- B. Benefits of a Function
- C. Function Terminology
- D. How does Function Works
- E. Scope and Lifetime of Variables in function
- F. Storage Classes of Variables
- G. Call by value and call by reference
- H. Recursion

Control Flow Statements

- A. Decision Making in C
- B. If Statement
- C. Switch Statement
- D. Unconditional Branching
- E. While Loop
- F. Do...While Loop
- G. For Loop
- H. Break and continue statements

Working with Arrays

- A. Understanding Arrays
- B. Arrays Declaration and Initialization
- C. Sample Programs
- D. Multidimensional Arrays
- E. Arrays and Functions



String Handling

- A. Declaration and Initialization
- B. Reading and Writing Strings
- C. Standard string library functions
- D. Array of pointers strings

File Handling

- A. What is a Stream
- B. Opening and Closing of Files
- C. Writing and Reading in Text Format
- D. Writing and Reading in Binary Format

Pointers

- A. Understanding Pointers
- B. Declaring and Initializing Pointers
- C. Function and Pointer Parameters
- D. Pointer Arithmetic
- E. Pointer and Arrays
- F. Two Dimensional Arrays and Pointers
- G. Void Pointer
- H. Dynamic allocation of memory
- I. Difference between malloc and calloc

Preprocessor Directives

- A. Pre-Processor Directives
- B. #define Macro
- C. Conditional Compilation
- D. Pre-defined Macros
- E. #include and Header Files

Command Line Arguments and Variable Number of

- A. Command Line Arguments
- B. Variable Arguments

Structure and Unions

- A. Overview of Structures
- B. Defining and Using a Structure
- C. Structures within a Structure
- D. Type of keyword
- F. Array of Structures
- G. Structure and Pointers
- H. Unions
- E. Passing Structures Functions



C++ Language

Principle of Object Oriented Programming

- A. Introduction
- B. Basic concept of Object oriented Programming
- C. Features of oops
- D. Uses of oops
- E. C vs C++

Function

- A. Introduction
- B. Main function
- C. function prototype
- D. Call by value
- E. Call by reference
- F. Inline function

Beginning with C++

- A. What is C++
- B. A simple C++ program
- C. More c++ statements
- D. An example with class
- E. Structure of c++ program
- F. Compiling and linking

Classes and Object

- A. Introduction
- B. C structures revisited
- C. Write a c++ program with class
- D. Objects
- E. Static data member
- F. Static member function

Tokens, Expression and Control Statement

- A. Introduction
- B. Tokens
- C. Keywords
- D. Identifiers and constants
- E. Basic data type
- F. Derived data type
- G. variables
- H. Operator
- I. Scope resolution operator
- J. operator overloading
- K. Operator precedence
- L. Control statements

Constructor

- A. Introduction
- B. Constructor
- C. Parameterized Constructor
- D. Copy constructor
- E. Destructor

Inheritance

- A. Introduction
- B. Defined Derived class
- C. Single Inheritance
- D. Multilevel Inheritance
- E. Hierarchical Inheritance
- F. Hybrid Inheritance
- G. Multiple Inheritance
- H. Abstract Class
- I. Friend function

Overloading

- A. Introduction
- B. function Overloading
- C. Operator Overloading
- D. Function Overriding

Virtual Function and Polymorphism

- A. Introduction
- B. This pointer
- C. Virtual function
- D. Pure virtual function

Managing Console I/o Operations

- A. Introduction
- B. F stream
- C. If stream
- D. Of stream

Exception Handling

- A. Introduction
- B. Advantage
- C. Exception Classes
- D. Exception Handling Keywords
- E. Try/catch
- F. User-Defined Exceptions

Strings

- A. Introduction
- B. String functions

Your Success Is Our Priority:

Every student at **SevenMentor** gets personalized guidance, Mentorship, and ample opportunities to address individual questions and concerns. All our sessions are designed to be engaging, interactive, and tailored to your learning pace, ensuring you grasp each concept with clarity.



Sarika kore
Web Full Stack Trainer
(SevenMentor & Training Pvt. Ltd.)

She have total 15 years of experience. she is currently working as a Technical Trainer. she did MCA and she havetrained more than 3000 students for various courses. she have also worked in Net Protector Anti Virus Company for 2 years.



Anil Giri
Java full stack & .Net Full stack Trainer
(SevenMentor & Training Pvt. Ltd.)

Professional IT trainer with over decade and eight years of experience in Java and .NET Full stack technologies. Worked for many corporates and delivered corporate training PAN India also managed team of 50 trainers and has many accolades under his belt due to his excellence at work. An expert at designing training courses with technical content, Effective at imparting knowledge through his superior verbal communication skills, active listening style and unique teaching pedagogy. He has proven success in utilizing cutting-edge technology to devise training exercises for all types of learners.



Pooja Ghodekar
Full Stack Trainer
(SevenMentor & Training Pvt. Ltd.)

A passionate trainer having 6 plus years of experience in Java Full stack technologies with a comprehensive understanding of both front-end and back-end technologies, she provides in-depth training and mentorship to nurture the next generation of full stack developers. Her commitment of staying up to date with the latest industry trends and best practices ensures that her students receive the most relevant and up-to-date education in the field.



Anuradha Raut
Java full stack & Python Full stack Trainer
(SevenMentor & Training Pvt. Ltd.)

Qualification: MCA, BCS(Computer, Statistics, Mathematics) **Experience:** 11 years

Profile summary:

Teaching Exp. : 6 yrs.

Teach Subjects like HTML, CSS, java, testing, database, system programming, operation system, statistics, etc

Development Exp: 5 yrs. I have completed the project under Technology Java, spring, spring boot, hibernate, HTML, CSS, SQL, etc the project names are Ocean One, Wheel King Transportation, PUMA



Pooja bhavsar

Java full stack trainer & C & C++ Trainer
(SevenMentor & Training Pvt. Ltd.)

Working as Java Fullstack Trainer having 4+ years of experience in teaching field. I have trained over 500+ professionals and students about core to java frameworks, SQL, and web development. Also participated in industrial project development process. Having an expertise to design windows based and web-based applications. Adept in instructing and helping students learn by providing academic assistance in a variety of learning situation.



Dharmaraj Pawale

Sr. Technical Trainer
(SevenMentor & Training Pvt. Ltd.)

Dharmaraj has expertise in retail as well as corporate training in Java Full Stack, MEAN Stack, MERN Stack, Hadoop-Big Data, Spark. He has extensive 19+ years experience in both Software Training and Development. He has trained more than 10000+ students and corporate professionals in India as well as overseas. He is also Salesforce Certified Administrator. His area of expertise lies in both Frontend as well as Backend Technologies. Front end technologies include HTML5, CSS3, Bootstrap, JavaScript, React & Redux, Angular and Backend Technologies include Java, Servlet & JSP, RESTful Web Service, Hibernate JPA, Spring, Spring Boot, MicroService, Node JS, Express JS, RDBMS Databases such as MySQL, Oracle SQL, PL/SQL, NoSQL Databases such as MongoDB



Sonal Vanarse

(Web Full Stack Trainer)

Professional Software developer trainer with over 9 years of industry experience in Full stack technologies (MERN, MEAN, UI/UX). Have strong zeal of staying up to date with the latest technology trends across the industries. Her unique teaching pedagogy helps the student to learn the best practices being followed in software industries. Trained more than 3000 students and contributed into their career success.



Onkar Nagarkar

Java Full stack trainer
(SevenMentor & Training Pvt. Ltd.)

An Expert Java Trainer with over 5+ years of Corporate experience in designing and developing end-to-end industry level scalable applications. Excels in conveying core and complex programming concepts in depth in the simplest way possible, enabling any student, even from a non-IT background to crack any MNC comfortably. Knows how to engage and bring out the required confidence in a student, to master the interview rounds and communicate effectively. Skilled in Complete end-to-end software development which includes C, C++, Java, SQL, Spring boot, Angular and JavaScript. as MySQL, Oracle SQL, PL/SQL, NoSQL Databases such as MongoDB

THINGS THAT SET US APART FROM THE REST:

SevenMentor prepares you well so that you can embark on a rewarding career in C & C++ Application Development through training.



Hands-On Projects: Gain practical experience by working on real-world projects, building a robust portfolio that will impress potential employers.



Flexibility: Our flexible schedule options allow you to learn at your own pace, making it perfect for both beginners and experienced developers looking to upskill.

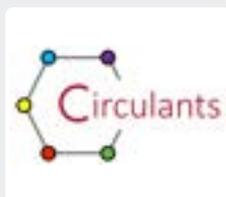


Career Support: We're dedicated to your success! Benefit from career guidance, resume building, interview prep, and job placement.



Community: Join a vibrant community of like-minded learners, where you can collaborate, share ideas, and network with peers.

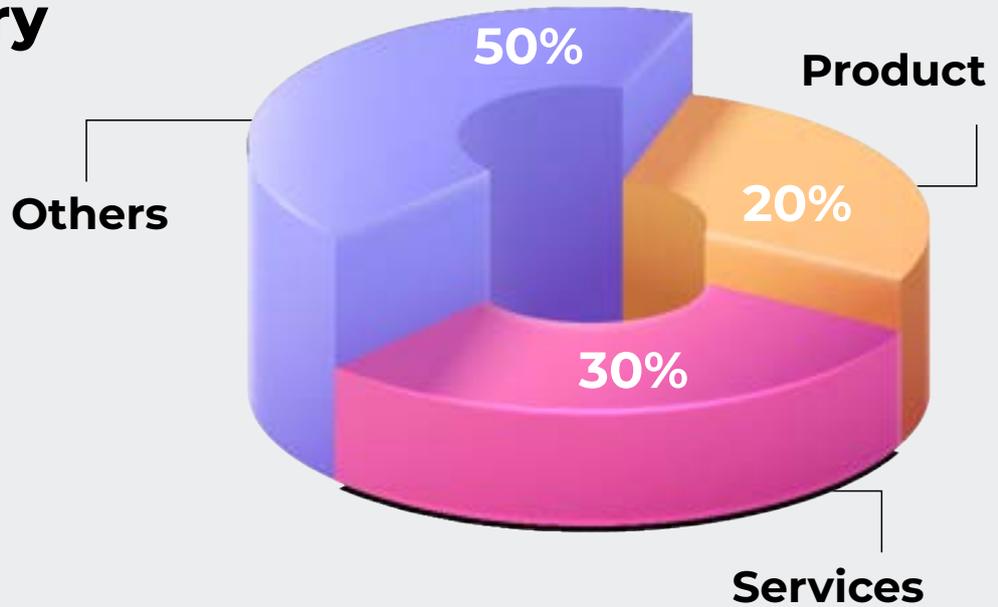
Our Students are at reputed Tech Companies



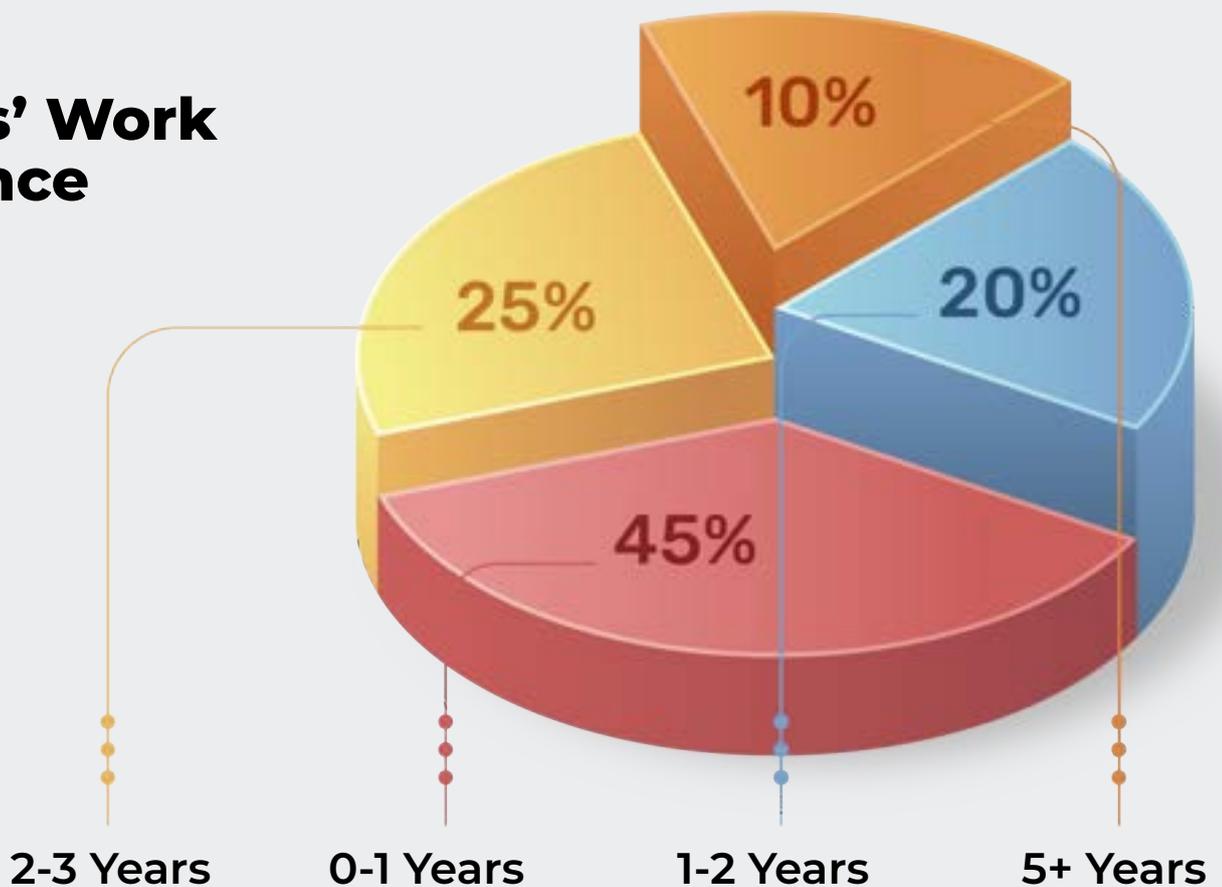
Success is around the corner!

Consider the potential earnings and opportunities that a career in C & C++ can offer. With C & C++ you'll be well-positioned to secure a job that provides you with a stable and potentially prosperous future.

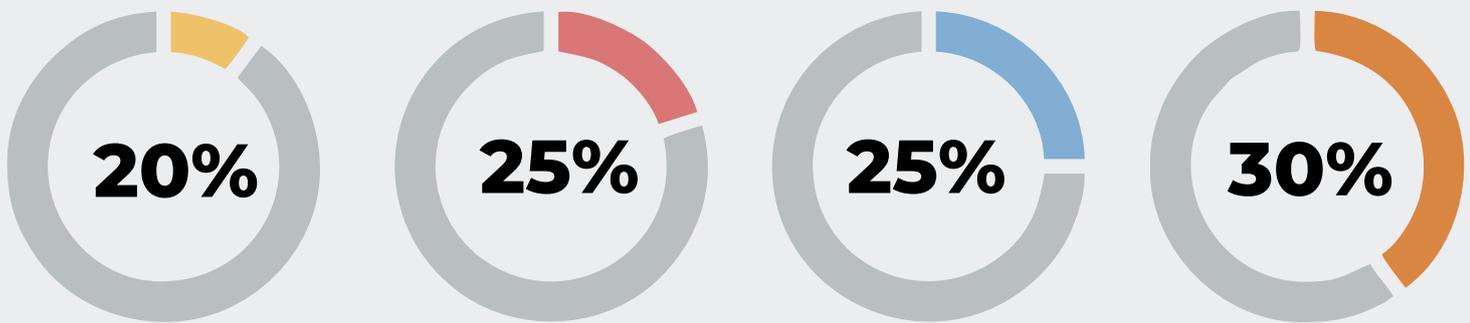
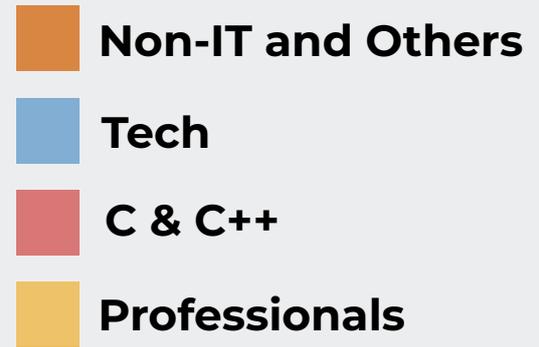
Learners' Industry Background



Learners' Work Experience



Learners' Expertise



Begin Your Journey Towards Better Future:

The global C & C++ vacancies will grow by 55% and generate 4 million new jobs by 2030.

So get ready to dive headfirst into the dynamic world of programming by gaining all round experience at SevenMentor Institute.

Affordable Training without Compromise:

We understand that pursuing your dreams in **C & C++** shouldn't be a financial burden. That's why we've made affordability a cornerstone of our **C & C++ Course**. We believe that quality education should be accessible to everyone, and we've structured our program to reflect this commitment. Our **C & C++ Course** takes you on an exciting journey but at a substantially low price.

How to become a great C & C++ Programmer ?

- Enroll at **SevenMentor Institute**
- Get hands-on training from **experienced teachers**
- Receive Industry-recognized **C & C++ Certification**
- Work for leading **MNCs** through our **on-campus interviews**

Success is Just a Call Away!

So if you are ready to code your way to success?
Enroll now at SevenMentor and unlock your potential
as a C & C++ Programmer. Our counselors are a call
away and they will be more than happy to talk with
you. Anyday, Everyday, we are there for you!

Request For Call Back



020 7117 3125