

Programming with "C"

(Duration: 45 Hrs)

Entry Profile	Exit Profile
<ul style="list-style-type: none">No previous programming background is required except willing to learn and general aptitude skills.	<ul style="list-style-type: none">Student will be a skilled C programmer.Sure success in technical exam of any MNC.Learn C++ with OOP's to get complete success.

What is C Programming?

C & C++ are the base programming languages to build strong logics & programming concepts. These languages are the foundation of Software Development field.

Will this course useful for my Career?

Absolutely yes. This course will make you very strong in programming skills and on top of this you can explore many different career options by choosing advanced technologies.

When I can join this course?

- You can start learning C & C++ programming anytime after 10th class.
- When preparing for technical interviews
- Start learning software development.

What options I can choose after this course ?

- Start learning iOS(iPhone) Development.
- Learn Java Technology & Frameworks
- Learn Microsoft.NET
- Learn Android

What content will be covered in this course?

Overview of C

- Concept of Computer, OS and its functions, Assembler, Compiler, Interpreter, Linker, Loader.
- Types of Languages (Machine Language, HLL, LLL), Compiling & Debugging, Character Set, Constants, Variables and Data Types, Algorithm & Flow Charts with examples.

Operators and Expression and Looping

- Operators- Arithmetic, Relational, Logical, Assignment, Increment and Decrement.
- Conditional, Bitwise, Special Operators, Arithmetic Expression, Expression Evaluation.
- Type Casting, Precedence Rules, If, if-else, switch statement with Problem Solving and Nesting.
- Looping- while, do-while, for, Break, Continue, goto.

Functions and Pointer (Concept of Modular Programming)

- Calling, Declaration of Standard and User Defined Functions, Call by value & Call by Reference, Recursion with examples.
- Understanding Pointers, Accessing the address of a variable, declaring and initializing pointer, Pointers Arithmetic.

Arrays and String Handling

- One-dimensional arrays, Two-dimensional arrays and their Memory Representation.
- Passing array in functions, Declaring and initializing String variables, Reading/ Memory Representation of String, String handling functions.
- Pointers to arrays, Pointers to String, Pointers to functions with examples.

Structure, Union and Pointers

- o Structure Declaration, Structure definition, managing the Records through Structure with examples.
- o Passing Structure in Function, Union, Enum and Typedef.
- o Pointers to Structures, Command Line Arguments [Array of Pointers to String] with examples.

Managing Input And Output(File handling)

- o Console & Disk I/O, Formatted & Unformatted I/O Operation, with examples.
- o Open, Close, Reading, writing & appending Records in a File with examples.
- o Pre Processor Directives with examples.

What you get with this course:

Concept Building in Classroom	<input type="checkbox"/>	Personal Attention	<input type="checkbox"/>
Logic Development	<input type="checkbox"/>	Multiple Tests	<input type="checkbox"/>
Daily Lab Practice with assignments	<input type="checkbox"/>	Doubt Sessions	<input type="checkbox"/>
eNotes	<input type="checkbox"/>	Viva Preparation	<input type="checkbox"/>
		Certificate	<input type="checkbox"/>

Why Online?

- o The No.1 Programming School in Central India
- o Best & Biggest Team of technology trainers
- o Highest number of placements & opportunities
- o Our students always crack many technical interviews
- o Focus on Theory & Practical both
- o Lecture Contents prepared based on Industry Standards
- o Expert Trainers available all the time when you need
- o Highly Skilled Trainer with vast Experience in Development and Training
- o Exposure to latest technologies & real time project requirements.
- o Live Project Exposure

Placement Opportunities
Below IT Companies Hired Resources @ Online/Octopus

	HOTWAX MEDIA		SYNECHRON		INNOEYE		YASH TECHNOLOGIES
	INFOBEANS SYSTEMS		CANOPUS INFOSYSTEMS		WTM SOFTWARE		WORLDPAY
	ZEHNTech		DIASPARK		TECHVALENS		FIRSTLOGIC INFOSYSTEMS

Also, we invited many other IT Companies to conduct their campus recruitment process at our centers.
We provided placements to more than 150 students in last 3 years.

Indore

Palasia

Lower Ground Floor, Kanchan Sagar, Near Industry House, A.B.Road, Indore Pin: 452001, Phone: +91 731 3262100, Helpline: +91 9827066222
E-Mail: info@onlinesop.in | Website: www.onlinesop.in | Careers: jobs@onlinesop.in

Rajmohalla

104, Kohinoor Tower, 218 Opp. HDFC Bank, Jawahar Marg Rajmohalla, Indore Pin: 452002, Phone: +91-731-3242100 Helpline: +91 9827066222
E-Mail: info@onlinesop.in | Website: www.onlinesop.in | Careers: jobs@onlinesop.in

Bhanwarkua

2nd Floor, Sudarshan Complex Opp. ICICI Bank Bhanwarkua, Indore Pin: 452001, Phone: +91-731-3226400, Helpline: +91 9827066222
E-Mail: info@onlinesop.in | Website: www.onlinesop.in | Careers: jobs@onlinesop.in

Annapurna

2- Prabhu Nagar Opp. Indra Prastha Garden Annapurna Road, Indore Pin: 452001, Phone: +91-731-3226400, Helpline: +91 9827066222
E-Mail: info@onlinesop.in | Website: www.onlinesop.in | Careers: jobs@onlinesop.in