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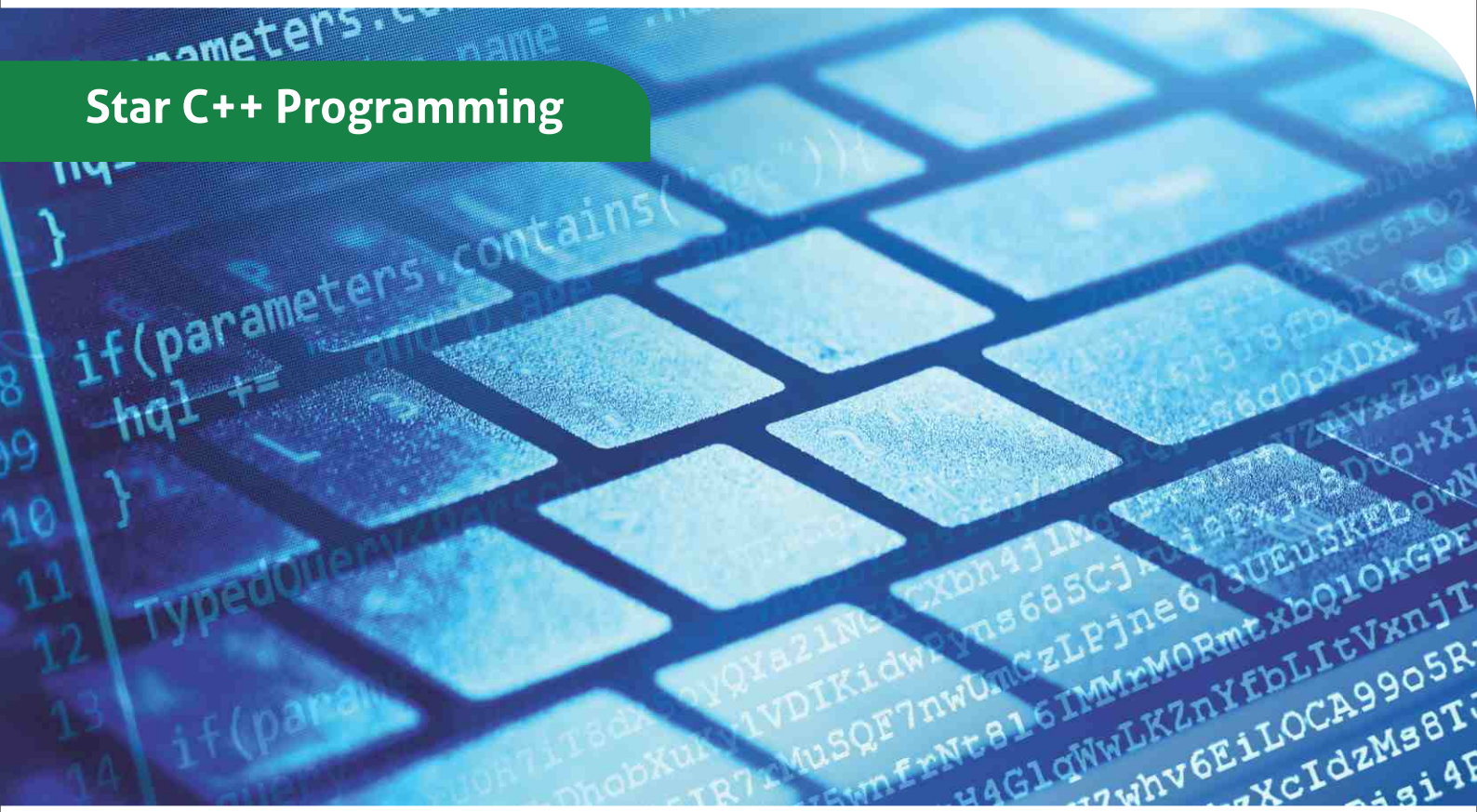

Star C++ Programming

Start Tour Programming Journey With "Object Oriented Concepts"

C++ Programming

Exam Code: S07-111

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Star C++ Programming

C++is a programming language with a special focus on the concepts of OOPs and their implementation. It has object-oriented features, which allow the programmer to create objects within the code. This makes programming easier, more efficient, and some would even say, more fun.

The Star C++ Programming certification courseprovides an in-depth knowledge about C++. The course helps acquire a fundamental understanding of the OOPs concepts, input/output data management, arrays in C++, functions, classes, objects, pointers, and much more. The course has been designed with a uniform structured series of modules enumerating various pertinent concepts.

Audience: This course assumes that the learner is an entrant to the world of programming and that learning C++ programming language is the first step to it. Also, anyone who wants to brush up their C++ programming skills would find this course helpful.

Course Objectives:

In this course, you will learn about:

- The basic programming and OOPs concepts
- Creating C++ programs
- Tokens, expressions and control structures in C++
- Arranging same data systematically with arrays
- Classes and objects in C++
- Constructors and destructors in C++
- Files management and templates in C++
- Handling exceptions to control errors

Course Outcome :

After completing this course, you will be able to:

- Describe OOPs concepts
- Use functions and pointers in your C++ program
- Understand tokens, expressions, and control structures
- Explain arrays and strings and create programs using them
- Describe and use constructors and destructors
- Understand and employ file management
- Demonstrate how to control errors with exception handling

Course Outline :

1. Exploring Programming Basics and OOPs Concepts
2. Introducing C ++ Programming
3. Working with Tokens, Expressions and Control Structures in C++
4. Managing Input and Output Data
5. Arranging the Same Data Systematically: Arrays
6. Classes and Objects in C++
7. Implementing OOPs Concepts in C++
8. Constructors and Destructors
9. Groups of Statements: Functions
10. Implementing Structures and Unions
11. Pointing to a location: Pointers
12. File Management in C++
13. Templates in C++
14. Handling Exceptions in C++
15. Manipulating Strings in C++
16. Working withPre-processor Directives
17. Advanced Labs

Exam Information:

Exam Code	:	S07-111	Exam Pattern	:	Multiple Choice
Exam Duration	:	2 Hrs	Exam Delivery	:	AEPTC (ACADEMIC EDUCATION & PROFESSIONAL TESTING CENTER)
Passing Score	:	70%			

Course Duration : 40 Hrs