

5. R.Ravichandran "Programming with C++"
6. Expert C Programming: Deep Secrets Kindle Edition Peter van der Linden
7. C++ Primer Stanley B. Lippman, Josée Lajoie, Barbara E. Moo

**Online Resources:**

<https://www.tutorialspoint.com/cprogramming/index.html>

<https://www.learn-c.org/>

<https://www.programiz.com/c-programming>

<https://www.w3schools.in/c-tutorial/>

<https://www.cprogramming.com/tutorial/c-tutorial.html>

<https://www.tutorialspoint.com/cplusplus/index.html>

<https://www.programiz.com/cpp-programming><http://www.cplusplus.com/doc/tutorial/>

<https://www.learn-cpp.org/>

<https://www.javatpoint.com/cpp-tutorial>

**PROGRAMMING WITH C & C++ LAB**

Semester	Course Code	Course Title	Hours/Week	Hours	Credits
<b>III</b>	<b>C3-P</b>	<b>Programming with C &amp; C++ Lab</b>	<b>2</b>	<b>30</b>	<b>2</b>

1. Write C programs for
  - a. Fibonacci Series
  - b. Prime number
  - c. Palindrome number
  - d. Armstrong number.
2. 'C' program for multiplication of two matrices
3. 'C' program to implement string functions
4. 'C' program to swap numbers
5. 'C' program to calculate factorial using recursion
6. 'C++' program to perform addition of two complex numbers using constructor
7. Write a program to find the largest of two given numbers in two different classes using friend function
8. Program to add two matrices using dynamic constructor
9. Implement a class string containing the following functions:
  - a. Overload + operator to carry out the concatenation of strings.
  - b. Overload == operator to carry out the comparison of strings.
10. Program to implement inheritance.