

The C++ Standard Library can be categorized into two parts:

- **The Standard Function Library:** This library consists of general-purpose, stand-alone functions that are not part of any class. The function library is inherited from C.
- **The Object Oriented Class Library:** This is a collection of classes and associated functions.

Standard C++ Library incorporates all the Standard C libraries also, with small additions and changes to support type safety.

## The Standard Function Library:

The standard function library is divided into the following categories:

- I/O
- String and character handling
- Mathematical
- Time, date, and localization
- Dynamic allocation
- Miscellaneous
- Wide-character functions

## The Object Oriented Class Library:

Standard C++ Object Oriented Library defines an extensive set of classes that provide support for a number of common activities, including I/O, strings, and numeric processing. This library includes the following:

- The Standard C++ I/O Classes
- The String Class
- The Numeric Classes
- The STL Container Classes
- The STL Algorithms
- The STL Function Objects
- The STL Iterators
- The STL Allocators
- The Localization library
- Exception Handling Classes
- Miscellaneous Support Library