C++ for Robotics

Chapter 1:   C++ Basics

- Summary -

Estimated time to completion: **5 hours.**

In this unit you are going to learn how to create variables in C++, which types of variables you can create, and how you can operate with those variables. Remember that va
interesting data. We are going to use variables to store sensor data and manipulate it to understand the current situation of the robot. Additionally, you will learn how to add

UPDATE: While you are learning this course, you will also have the chance to work on a real robot **TurtleBot3**, that is available in our **Real Robot Labs**. Your final project f
robot. The certificate for this course will be provided upon completion of the final project on the real robot! That's exciting, right?! More details at the end of this unit!

- End of Summary -

In this course, we want to keep the focus on C++, not on ROS.

However, in order to be able to interact with the simulated robot while hiding all the ROS stuff, we are providing you with a C++ class in charge of managing all the ROS cor
is called RobotClass. So, during this course, you will be interacting with this C++ class by calling its methods to get data from the robots and send commands to them.