



Course Code: C771

Basic Robot Operating System (ROS) for Beginners

COURSE INFORMATION

Sessions
1 day

Duration
7.5 hrs

Level
Beginner

Assessment
NA

VENUE

12 Woodlands Square #07-85/86/87 Woods Square Tower 1, Singapore 737715. 5 mins walk from Woodlands (NS9) MRT station.

The venue is disabled-friendly.

WHAT'S THIS COURSE ABOUT

Topic 1 Introduction to ROS

What is ROS

Why ROS ?

ROS Applications and Eco Systems

ROS Installation on Ubuntu

ROS Master

Topic 2 ROS Packages & Nodes

ROS Workspace & catkin

Create a Catkin Workspace

Create a Package

Install a Package

ROS Nodes

ROS Launch

Topic 3 ROS Topics, Services & Actions

ROS Topics and Messages

Publishers and Subscribers

ROS Services

ROS Actions

Topic 4 ROS Bags

What is a ROSBag

Record and Playback a ROSBag

Visualize ROSBag with...

COURSE FEE

Full Fee S\$350.00 Before GST

GST S\$31.50 9% of fee

Total Payable S\$381.50 Including GST

CERTIFICATION

- **Certificate of Completion from Tertiary Infotech** - Upon meeting at least 75% attendance and passing the assessment(s), participants will receive a Certificate of Completion from Tertiary Infotech.

REGISTRATION

<https://www.tertiarycourses.com.sg/ros-for-beginners.html>



SCAN TO REGISTER

SUPPORT

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