



Course Code: C1091

Robot Operating System (ROS) Specialization

COURSE INFORMATION

Sessions
4 days

Duration
30 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 Robot Operating System (ROS)

Overview of ROS (a.k.a ROS2)

ROS Applications

ROS Installation

Topic 2 ROS CLI Tools

Configuring environment

Using turtlesim, ros2, and rqt

Nodes

Topics

Services

Parameters

Actions

Using rqt_console to view logs

Launching nodes

Recording and playing back data

Topic 3 ROS Client Libraries

ROS file system

Creating a workspace

Creating a package

Writing a simple publisher and subscriber (Python)

Testing with Turtlesim

Writing a simple service...

COURSE FEE

Full Fee S\$1,200.00 Before GST

GST S\$108.00 9% of fee

Total Payable S\$1,308.00 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/robot-operating-system-ros-specialization.html>



SCAN TO REGISTER

SUPPORT

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