

Assemble a Simple Robot in Isaac Sim

Duration: 04 hours

Learn to rig a two-wheel mobile robot in a live Isaac Sim GPU environment.

Table of Contents

1. About the Course
 2. Learning Objectives
 3. Tools and Frameworks
 4. Course Outline
-

1. About the Course

This course guides you through the "Assemble a Simple Robot" tutorial to rig a two-wheel mobile robot using NVIDIA Omniverse™ Isaac Sim.

2. Learning Objectives

By the end of this course, you will be able to:

- Connect a local streaming client to an Omniverse Isaac Sim server in the cloud.
 - Load a USD mock robot into the Isaac Sim environment.
 - Add joint drives and joint properties to the robot body.
 - Add articulations to the robot.
-

3. Tools and Frameworks

- **NVIDIA Omniverse™ Isaac Sim**
-

4. Course Outline

1. Getting Started
2. Import a Mock Robot
3. Add Joints
4. Add Joint Drive
5. Add Articulation
6. Save Your Robot

