

Module 4 - Turtlebot Family

ME4140 - ROS Workshop

Mechanical Engineering

Tennessee Technological University

Module 4 - Turtlebot Family

Module 4 - Turtlebot Family

- A Brief History
- Recent Models
- Turtlebot3 at TNTECH
- Tutorial 4 - Turtlebot3

A Brief History

A Brief History

Recent Models

Original TurtleBot

(Discontinued)



TurtleBot 2 Family



TurtleBot 2



TurtleBot 2i



TurtleBot 2e



TurtleBot Euclid

TurtleBot 3 Family

Burger



Waffle



Waffle Pi



Turtlebot3 at TNTECH

Tutorial 4 - Turtlebot3

- ▶ **Overview:** Turtles are cool! Your next exercise is to setup your computer so that you can begin learning ROS.
- ▶ **Assignment:** Complete the tutorial in the document *tutorial4_turtlebot3_simulator.pdf* on ilearn. You must be able to drive your turtlebot3 around the virtual arena.
- ▶ **Deliverable:** Write a one to two paragraph summary of what you accomplished and what you struggled with the most. Include an image of the turtlesim window after you have driven a pattern.
- ▶ **Next Week:** After completion of Module 3, you are ready for a better robot. You will learn to use a simulated turtlebot3 in a Gazebo simulator.