ME4140 - ROS Workshop

Mechanical Engineering

Tennessee Technological University

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Module 4 - Turtlebot Family

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- A Brief History

- Recent Models

- Turtlebot3 at TNTECH

- Tutorial 4 - Turtlebot3

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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.