

# GSET - Programming with Mr. Hill

Tristan Hill

Tennessee Technological University

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## Module 1 - Introduction to C++

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- Workshop Structure
- A C++ Legacy
- Programming with Micro Controllers
- Tutorial 1 - Hello World

# Workshop Structure

asdf

# Workshop Structure

# A C++ Legacy

## Original TurtleBot

(Discontinued)



## TurtleBot 2 Family



TurtleBot 2



TurtleBot 2i



TurtleBot 2e



TurtleBot Euclid

## TurtleBot 3 Family

Burger



Waffle



Waffle Pi



# Programming with Micro Controllers

# Tutorial 1 - Hello World

- ▶ **Overview:** In the first tutorial, you are going to install the Arduino environment on your computer and write your first program, *Hello World*.
- ▶ **Assignment:** Complete the tutorial in the document *tutorial1\_introduction\_cpp.pdf* on ilearn. You must be able to display a message from the board to the the serial monitor or terminal.
- ▶ **Deliverable:** Write a one to two paragraph summary of what you accomplished and what you struggled with the most.
- ▶ **Next Week:** After completion of Module 1, you are ready to learn about ...