Robotics Club University

Originally Presented 3/4/2015 by Nick McComb

Agenda

- Embedded Programming Methodologies
- Embedded Considerations
- Serial Communication Demo

Oregon State University
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Embedded Differences

- Global Variables
- Input / Output
- Debugging
- Infinite Loops
- Physical Motion
- Safeties
  - Hardware
  - Watchdogs
  - E-Stop

Serial Communication Demo

See "RCU_BasicSerialOutput.ino"

Computer Communication Demo

See "RCU_ComputerCommands.ino"

Next Time

- State Machines
- Interpreting Information on Microcontrollers
- Requests

Make More Robot!