

# Comp 388 / Comp 488 Robotics Software Development Hardware

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## Hardware in Robots

- Robot Sensors
  - Hardware
  - Real Engineering
  - Dealing with the REAL WORLD
- Actuators
  - Hardware
  - Movement – in the environment
  - Power, Battery, Burn out...
- Communication
  - All types of networks, point-to-point

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## Hardware Issues



- Sensor Fusion
  - ...and confusion...
- Sensor interpretation
- Sensors may be
  - Directly useful
  - Require processing



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