Principles of Robot Autonomy I

Section 3: Introduction to Turtlebots!

Aims

- Become familiar with the Turtlebot hardware.
- Gain a basic understanding of the Turtlebot software.
- Use basic tools for interacting with the Turtlebot.

Turtlebots

- ~$5,000 collection of hardware.

BE CAREFUL WITH THEM

- **Lots** of things changed for this course, so please cooperate with us today. This will be a painful section for all of us!

- Have no fear, section grades are based on attendance and presence of submission *by the end of your section day*.

Turtlebot Networking

- They are connected to one routers set up today, please get the router information from the CA (who should write down the SSID and password on the whiteboard)

- Your computer must be connected to the same router as the turtlebot.

Final Project Groups

- Please start thinking about and forming groups of 3-4 for the final project.

- They do not have to be in your section.

- They do not have to be in the same course code.

- We'll have a signup sheet later.

- The reason we're asking you to think about this now is because the next homework will have a group component (more details to follow!).

Section 3

- Focuses on getting your computers connected to the Turtlebots and able to interact with them.