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.