

Embedded Presentation

12 minute presentation

-go over communication format

- [start byte] [index number] [msgtype] [data]
- [start byte] - to signal start of communication
- [index number] - to keep track of lost messages
- [msgtype] -
- [data] - sensor/ARM/motor data

-should know what sensors we're using

- discuss quick specs and show why they meet our requirements
- where they'll be located
- how they're communicating with ARM through PIC
- how fast they operate

-discuss how the ARM will tell the motor to move

- how far to move
- how fast
- what happens if there's an obstacle

-be sure to mention why the rover will work

- explain why we chose the details of our communication format
- explain how the rover will handle lost/missing messages
- explain how the rover will handle different msgtype cases
- explain communication between sensor/motor/ARM