

## Minutes from Class January 28, 2004

- Reviewed system requirements version 1.00 thoroughly. Please see attached sheet for revisions, corrections or clarification.
- Summary of the Automatic Guided Vehicle presented by Jason and John
  - Vehicle with optical sensors underneath to guide itself around a “track” of tape on the floor
  - 6 optical sensors each 14 mm apart
  - Uses a stepper motor
  - If the vehicle went off the track it shut down and started beeping
  - Minimum turning radius 100cm
  - Maximum deviation +/- 42 mm
  - Feedback loop for speed
  - Used temperature sensing to avoid overheating
- Brooks talked about an environment he developed for programming
  - Concluded we will be using C, not assembly language