2.009 Product engineering processes

the only thing worse than no help is unreliable help
Assembly quiz

last lecture
Assembly quiz

types of fasteners

- Number of students
- Number of different kinds

Bar chart showing the distribution of students who answered each category of fasteners.
Assembly quiz

total number of fasteners

![Bar chart showing the number of students for different total numbers of fasteners. The chart has categories for 0-10, 11-20, 21-30, 31-40, 41-50, 51-60, 61-70, 71-80, 81-90, 91-100, and >100 fasteners, with the number of students ranging from 0 to 60. The highest number of students is in the 21-30 fastener category, with fewer students in the other categories.]}
Assembly quiz

total number of improvement suggestions

![Histogram showing the number of students vs the number of guidelines.
The x-axis represents the number of guidelines ranging from 0 to 10, and the y-axis represents the number of students ranging from 0 to 35. There is a peak at 2 guidelines, with fewer students as the number of guidelines increases or decreases.]
Assembly quiz
list 4 design for assembly guidelines

- Reduce part count
- Reduce part types
- Eliminate adjustments
- Design parts to be self-locating
- Consider access & visibility
- Design parts to be easy to handle
- Design parts to be only installed correctly
And before we go!

Tech review details

See tech review logistics on website

**Red**: south conference room (hospital corridor)
**Green**: team area (educational setting)
**Blue**: Kresge oval, bike (open field)
**Yellow**: Killian, ladder, crash mat (rock face)
**Pink**: 3-370, pipe to hang device (theatre)
**Orange**: Killian court (by fish bowl) (natural environment)
**Purple**: Bathroom stall, team area (public bathroom)
**Silver**: team area, cot (residential bedroom)
Finally
Tech review contract plotting

Scheduler online for Sunday, strictly self-serve Monday

Have a well prepared 5 minute demo for your video