

IET 265

FINAL PROJECT

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Junior

Dual Degree PHYS / M.E.

Idea

- The purpose of this project was to:
 - Create a rear axle assembly
 - Mimicking a GM 14Bolt FF Axle



Design

- Modular design:
 - Great real world application



Down Falls

- Pinion gear
 - Helical path on a beveled surface
- Hard time finding tutorials
 - Online company



Upside

- Base for further testing and design!



SolidWorks

- Weldments Toolbar
 - Show how to add “ beads” between Sub-Assemblies
 - Displayed by transparent “zebra” line