Chainless Challenge
2015-2016

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“Chainless Challenge”?

- Competition to create a hydraulic bike/trike
- UIUC has a cross-disciplinary team
- Year-long project with competition in Spring
Your Role

Design and build:

• A control system for hydraulic valves
• A user interface for the rider
Skills

• Power electronics
• Physical UI design
• Programming
• PCB design
Who cares?

• Unique opportunity among 445 projects
• Design requirements from 3\textsuperscript{rd} party
  – Negotiable, but not without bound
  – Realistic in industry
Links

Project on ECE 445 website:
https://courses.engr.illinois.edu/ece445/project.asp?id=1390

Sponsor PR: