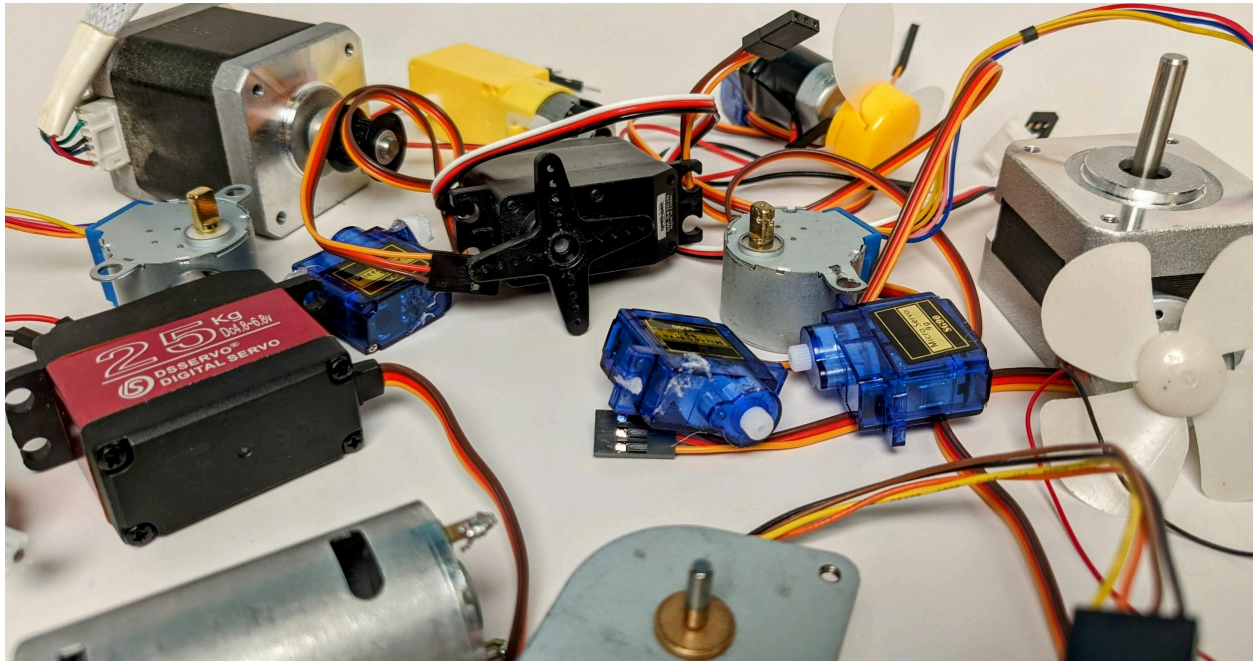


ATLS 5410 Mini-Assignment 2: Present in-person, in class
Due in class, 3/6/25

MOTOR BUFFET!



"You know this ain't no ten-second race." - Dominic Toretto, somewhere between F&F 1 and 742.

Assignment:

Part 1: Everyone! Build a basic stepper, servo and DC motor circuit.

- **-Servo** (Arduino built-in ex. "Sweep" || Arduino built-in ex. "Knob")
- **-DC motor** (use an "analog-output" AND a "digital-output")
- **-Stepper** (Using [Elegoo Stepper Motor and Driver](#)) ([How to wire other stepper motors](#))

Part 2: Groups of 4 will build:

- Something "interesting", using one of the three motor types.

DUE DATE: March 6th. Bring your creations!

This is a pass/fail assignment.

All parts are in your Elegoo kits!

TEAMS:

1. Hadavandkhani, Saharnaz
2. Gyimah, Abena
3. Smith, Harrison
4. Chan, Justin

5. Runkel, Sara
6. Rawal, Ayesha
7. Golla, Srjana
8. Ramachandran, Arjun

9. Babb, Stephanie
10. LaFontaine, Alexander
11. McKeag, Julia
12. Gajendra Babu, Mythiresh

13. Marowitz, Robyn
14. Littlejohn, Caitlin
15. Skelly, Eli
16. Hester, Clayton

17. Whitham, Jax
18. Egge, Colin
19. Nitsche, Klara
20. Baskaran, Lavan Kumar

21. Alvarado Cruz, Shalimar
22. Gautam, Vishakha
23. Duncan, Shawn
24. Ehrlich, Scott

25. Phan, Cydney
26. Robles, Sylvia
27. Reardon, Noah
28. Cudmore, Kiera

29. Neyer, Aaron
30. Salazar, Ashleigh
31. Mehrotra, Abhinav
32. Saunders, Elizabeth

33. Chan, Sheena
34. Barcalow, Nick
35. Chaudhari, Yash
36. Villalobos, Fernanda

37. Homer, Abe
38. Rajendren, Harsita
39. Shinde, Shraddha
40. Pradeep Sekar, Shreya
41. Klinger, Cambria

42. Tayler, Caliste
43. Xu, Yekun
44. Jacob, Kristen
45. Ashford, Jacy
46. Dayal, Pavan