The Electrical Subteam

Electrical is an essential subteam to any robotics team. Planning and wiring the robot is pivotal to a successful and connected competition robot.

Here’s how I think of it:

Programming acts as the CNS (Central Nervous System) that controls and processes information.

Mechanical acts as the structure and muscles of the body that provide and perform the actions that the brain wants.

Electrical, while usually overlooked, is the PNS (Peripheral Nervous System) that connects the body to its brain.

Safety Practices:

Power off before doing any electrical work (no shocky shocky ⚡)

Finish what you start!

Always check for exposed conductors!!

Battery:

Check wires and breaker, make sure the robot is ready to be turned on.

Try and get a battery that is Good 130.

Etiquette:

Once power is involved, don’t do anything you’re not sure of, and if you do then be sure to ask questions!

No mistake is a singular person’s fault, we are a team!

If you are bored, please do not play with the tools on the table!

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