

**Student's final project proposal form**

99-355 Intro to Arduino  
Carnegie Mellon University

**Student name:** \_\_\_\_\_ **Project title:** \_\_\_\_\_

**By doing this project, I aim to learn:**

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**Three (or fewer) sentence project description:**

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**Any special materials/parts/methods needed that aren't available in Phys Comp?**     yes     no    If yes, list or explain:

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*Orders for additional parts that IDeATe is purchasing must be submitted via this form: [goo.gl/BecYwx](https://goo.gl/BecYwx)*

**Student's criteria for success—i.e. what is the endpoint you'd be satisfied reaching?**

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
*(drawings and instructor notes/approval on reverse)*


**Mechanical/physical project sketch** (can be very sketchy; aim to show roughly what the thing will look like when built)


**Electrical/electronic schematic sketch** (draw the electronic circuit you'll build below; show connections only, not appearance)

schematic symbols reminders


wire 

node 


crossing w/o contact 

resistor 

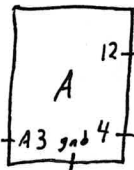
LED 

potentiometer 

5V power 

ground 

Arduino  
(draw pins as needed)



**Instructor's notes**

Instructor's initials and date