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P4OC, Dr. Laura Sales

Thursday (Only 1 session this week)

### A G E N D A

- 1) Pass Out Syllabus
- 2) Ask for Specific Q's
- 3) Worksheet 1 in groups
- 4) Answers
- 5) Comment Cards

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- 1) Pass out syllabus, explain SI.
- Explain overview of course content

[ 3-4 min ]

- a) All about Electricity & Magnetism. → the reason we have ~~radio~~, ~~amps~~ ~~no~~ together
- b) How charges interact
- c) Potentials & Fields
- d) Basic Circuitry
- e) Magnetism
- f) Transformers, inductors

Four Forces:

1. E & M

2. Gravity

3. Strong - waves

4. Weak - radioactive decay

- 2) Ask if anyone has Q's

[ 10 min max ]

→ specific misunderstandings of lecture?

- 3) Worksheet 1 (~/Worksheets/P4OC\_F18\_W1.\* )

Strategy: Divide & conquer

- split class into groups assigning 1 problem per group (2-3 max)

\* Redirect all questions !!

- 4) Ask groups to come up to the front 1 by 1 to present their ~~per~~ solution to the class

- 5)

Comment Card

What I learned today

What I'm still confused

Were the Q's for easy/hard?