

## **Week (#4)**

- Poster: problem statement, design goals, product specifications, define temperature and location for TEG, plan for project completion.
- What are we going to do with the electricity?
- Consider voltage and current targets and work back into the heat transfer analysis.
- So snapshot is an outline of what the client wants and how we're going to approach it.
- Select a number of useful applications and from there the analysis will move forward.
- Send material to mentors in timely fashion so that they can see material. (send by Friday)
- Battery charging station: Possible to bypass 110 V charging outlet.
- Consider using free convection to remove energy consumption.
- Consider online prebuilt fin structures for heat dissipation.
- Start working on preliminary calculations.
- Watch shopping cart video.