

ENGR 310  
**Project Topic Selection**

*Due the Week of Jan. 28*

Students will define their own design project for the semester. The project must be appropriate in scope such that a group of students can reasonably achieve a good solution within 12-14 weeks. Projects shall:

- Enable teams to complete a design cycle, from needs assessment and early conceptual design through to a working model (virtual or hardware).
- Be challenging, yet feasible.
- Create opportunities for each team member to contribute in a substantial way.
- Require application of engineering knowledge.
- Capture participants' enthusiasm and imagination; allow creative solutions.

Your assignment this week:

1. Share contact information.
2. Set up at least one weekly team meeting outside of recitation.
3. Obtain a 3-ring binder to use for the team notebook. I recommend 2 or 2.5-inch. Put the index dividers in the team notebook, and put the inserts in the tabs. (Note: there are two more dividers than labels. You may use the additional dividers as your team sees fit.) Label the binder spine with your recitation and team.
4. Generate a list of 6-8 candidate project topics with thumbnail description. One way to do this is to have each person on the team come up with 2-3 ideas, then compile.
5. Evaluate the list according to the five criteria mentioned above.
6. Place your output for #4 and #5 under the appropriate tab in the team notebook.

Bring the team notebook to your recitation section, unless your TA has given you instructions otherwise.