Main components

- Research (small literature study)
- Study design (e.g. to develop an experiment)
- Design / Experimental analysis (actual experiments, computations, drawings, construction)
- Documentation (presentation, report or poster)
- Outcome: working prototype / laboratory experiment
Organization

- Each project has a
  - **Project Advisor** (person you closely work with and meet on a regular basis)
  - **Course Advisor** (person who evaluates your work and meet once a week for progress on project)

- Each student in group (of 4) working on projects gets assigned a *specific responsibility*. 
1. Presentation of possible projects
2. Review projects on class website
3. Sign up for a project (group of 4)
4. Meet with Project Advisor in 1\(^{st}\) week
5. Background research, project planning and organization in 1\(^{st}\), and 2\(^{nd}\) week
6. Initial Design / Experimental results by 4\(^{th}\) week
7. Refine design / experiments, collect data in remaining weeks
8. Final report and poster
You can propose your own project. Email jkleissl@ucsd.edu.

Still not signed up?
- Search website for groups with <5 team mates and not ‘closed for signup’ or ‘preassigned’
Information on projects:

- Overview of most of the projects will be presented in this lecture.
- (Additional) projects and class information will be updated on the mae126b website at:
  
  http://maeresearch.ucsd.edu/kleissl/126B.html

- Contact the Project Advisor or Course Advisor if you have questions about the project.
Make sure you:

- Form a *group of 3 to 5 students* to work together and assign *one person as contact person*.
- Decide on projects that you would like to work on, with *4 choices in order of priority*.
- The contact person sends email request to Prof. Kleissl *not earlier than Thu Mar 23, 5pm*
- The projects are:
  - Assigned on *first come, first serve basis*
  - Pre-assigned (partially) in case a project was proposed by students
The contact person of the group sends a single email to jkleissl@ucsd.edu not earlier than Thu Mar 23, 5pm.

In your email request make sure to mention:
- The names and email addresses of 3-5 persons in your group.
- The name and project numbers of your 1st 4 choices for projects in order of preference.

Email requests that have either
- Less than 3 or more than 5 persons in a group.
- A person signing up for multiple groups

will move to bottom of priority list.

Project sign-up will be updated on the website at http://maeresearch.ucsd.edu/kleissl/126B.html during spring break.