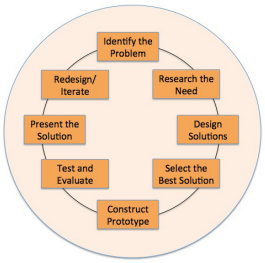


BASIC
ENGINEERING DESIGN

Identify The Problem

ASSIGNMENT, CHOOSING THE TEAM

For this assignment you will be developing and practicing key steps in developing a strong, functioning team.

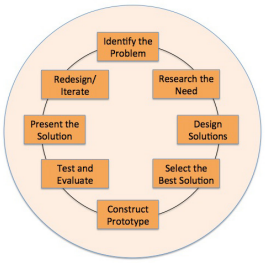
1. Interview at least 10 students from a class or from your network of peers.
2. For each person you interview identify their strengths for a design project or team that you are considering. These skills could include:

- Specific "content" knowledge -- such as knowing something about accelerometers, digital logic, centrifugal force, etc.
- Specific technical "skills" -- such as micro-controller programming, analog circuit construction, etc.
- Specific personality qualities -- such as ability to explain technical concepts, ability to remain calm under pressure, etc.
- Specific communication skills -- such as oral presentation, PowerPoint design, technical writing, etc.
- Specific teamwork skills -- such as ability to resolve conflict, ability to work with difficult people, etc.
- Any other skill sets you view as important to your design project.

Once you have identified the strengths of each individual in the categories above, put those strengths into a matrix, and assign each strength a value of 1 (= low value) to 5 (= high value) for your particular design project.

Clearly state, in one to three sentences, the design project or system you are thinking of pursuing and identify which team within your matrix would be the best to work on your project or system, based on the scores you have assigned. If you think the scores do not properly reflect the right team, explain why and how this issue might be resolved.

Construct an easy-to-understand matrix that lists each team member (by name), the skills on which you are evaluating them, their strengths for each skill, and the value you assign those strengths. In addition to the matrix, include the design project description as stated above, the team you would have chosen (intuitively) before you completed the matrix, and the team you would choose based on the scores assigned in the matrix. Discuss anything surprising about your results.



BASIC
ENGINEERING DESIGN

Identify The Problem

Example (Skill 1 is the most valued; Skill 2 the second most valued, etc.)

	Skill 1 (Score)	Skill 2 (Score)	Skill 3 (Score)	Skill 4 (Score)
Person 1				
Person 2				
Person 3				
Person 4				
Person 5				
Person 6				
Person 7				
Person 8				
Person 9				
Person 10				

Prior to making the above matrix, I thought that the following team was best:

<List people on the team here>

After making this matrix, for this design project, I believe the following people are best for the team:

<List people on the team here>