

## ME 491: Lecture 3

## Assessing the state of design project

### Questions about current status of design

Questions for students: If you answer “yes” to the first question, keep your hands up until you say “no” to one of the subsequent questions.

1. Do you have one or more good ideas for a device to rescue the Lego character?
2. Have you narrowed down your ideas to one that you think is the best idea?
3. Are you willing to change your mind, i.e. are you willing to reconsider your “best idea”?

### Secondary questions: GWR takes notes

1. What are reasons for picking and sticking with an idea?
2. What are reasons for being flexible, i.e., withholding judgement on the idea(s) you want to try?
3. What design techniques would be helpful, especially ideas to help you remain flexible and to continue to explore options?
4. What techniques can you use to test your ideas?

Note: It's OK to have provisional ideas. It's inevitable. However, it is also good to keep those ideas provisional and devise ways to test for weaknesses, and to be open to the possibility of improving the ideas.