



GE106

Introduction to Engineering Design

College of Engineering

King Saud University

Studio 8.

2nd Oral Presentation (Problem Formulation)

FALL 2022

Formulating your Final Design Project

- You will giving your 2nd oral presentation *next week*
- Your presentation* must include a *complete* problem formulation:
 - ✓ Well chosen, descriptive title
 - ✓ Need analysis (or hierarchy)
 - ✓ SMART objectives (primary / secondary)
 - ✓ Constraints
 - ✓ Criteria
 - ✓ Human factors
 - ✓ Specifications / needed information
 - ✓ Gathered information (with labeled sketches)*
 - ✓ Project plan (Gantt Chart)

Tips and Reminders

- Each group has 6* minutes to present their problem formulation
- Groups must use the time properly
- Speak slowly with a high tone
- Establish eye-contact with audience
- Maintain professional group dynamics with your team members
- Properly manage the question session
- Plan where everyone will stand and who will say what
- Follow your group leader's instructions