

MET 352 Engineering Design II
Department of Materials and Metallurgical Engineering
South Dakota School of mines and Technology

Lesson Plan

Class 3

1. Instructional Goal
The goal of this class meeting is for students to know the basics of the design process:
Namely, the writing of *Problem Statements, Requirements, and Constraints*.
2. Instructional Order
 - Administer Short Response activity
 - Present fundamentals of team management and committee operation fundamentals using slides
- 3) Instructional Reference Materials
Power Point Presentation: [Problem Statements, Requirements, and Constraints](#)
- 4) [Short Response Question](#)
- 5) Handouts
Short Response key:
- 6) Video Presentations
None
- 7) In-Class Exercises
Elements of Project Design Statement
- 8) Homework Assigned or handed out
 - Homework Assignment #2 (in progress due before next class)
- 9) Course website http://showard.sdsmt.edu/MET352/MET352_directory.htm
- 10) Comments