

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

**Lesson Plan**

**Class 4**

1. Instructional Goal (Cont'd)  
The goal of this class meeting is for students to learn 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 *Problem Statements*, *Requirements*, and *Constraints* using Power Point slides
- 3) Instructional Reference Materials
- 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](#)
- 10) Comments