

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

**Lesson Plan**

**Class 1**

1. Instructional Goal

The goals of this class meeting are to

- a) Make each student feel welcome and an important part of the class
- b) Develop rapport with the students by offering an instructor biographic sketch
- c) Establish course operations and expectations
- d) Excite the students about the design topics, process, and goals
- e) Instigate their thinking about team interactions and complexities

2 Instructional Order

- Welcome the class to MET 352
- Perform self-introductions of each student
- Offer a sketch of the instructor's background
- Distribute Syllabus and Course Schedule
- Describe course operations and expectations
- Introduce Design Project topics
- Distribute photo name tags and ask each student to submit their photo with the tag
- Introduce team concepts and the individual differences in team members
- Handout Homework Assignment #1

3) Instructional Reference Materials

- [Strengths](#)
- [Personality Type](#)

4) Short Response Question  
(None first meeting)

5) Handouts

- Course Syllabus
- Course Schedule
- Design Project Topics
- Photo Name Tags (generated by Grades to Go or other means)
- CliftonStrengths® Handout
- Briggs-Meyer Handout

6) Video Presentations  
None

7) In-Class Exercises

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- 8) Homework Assigned or handed out: [Homework Assignment #1](#)
- 9) [Course website](#)
- 10) Comments