

MASSACHUSETTS INSTITUTE OF TECHNOLOGY  
CIVIL AND ENVIRONMENTAL ENGINEERING DEPARTMENT  
CENTER FOR CONSTRUCTION RESEARCH AND EDUCATION

1.040/1.401  
**PROJECT MANAGEMENT**  
SPRING 2007

**ASSIGNMENT 2:**  
**STUDENT PRESENTATION**

*Instructor:*  
Dr. SangHyun Lee  
Dr. Samuel Labi  
Dr. Fred Moavenzadeh

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## I. STUDENT PRESENTATION

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This is an individual presentation assignment. You will have 10 minutes for your presentation, and 5 minute class discussion will follow. One class will most likely have one or two presentations from February 20 to March 19. Topics include:

1. Your past project experience (strongly recommended if you have any):

- Project main figures
- Main managerial aspects
- Project management practices
- Problems, strengths, weaknesses, risks
- Your learning

2. Emerging construction management technologies:

- Visualization (Virtual Reality, 4D CAD, etc.)
- Simulation
- RFID
- Laser scan
- GIS
- Data mining
- Web-based project management
- Etc.

Students are encouraged to discuss his/her topic with Dr. Lee before presentation. In particular, if you choose emerging construction technologies, discussion with Dr. Lee is required to avoid any subject overlapping. Please set up an appointment with Dr. Lee. Also, please send your .ppt file via email before presentation in order to save on Dr. Lee's laptop and make it available for presentation.