

1.101 Structures Lab.
Fall 2005
Week 4 - Design Review Requirements

Next Tuesday, 8 November you will describe your design, as it stands at that moment. Again we will split the class into three sets of groups. Each group will have approximately 10 minutes on stage. Considering the short time that you have, it would be best if but one person speak for the whole group.

You are to hand in at the beginning of the session a one page summary. It will include

- a sketch showing the overall configuration of the structure with dimensions;
- member cross-section dimensions should be defined;
- you are to provide justification, as crude as it may be, for your choice of all design parameters - truss height, section dimensions, number and layout of members - taking account of possible failure modes due to excessive displacement, yielding, or buckling.

This may not be your final design; you still have time to make significant changes this week and even next.