RULES AND HINTS FOR BUILD-A-BEAM

1. It must fit inside the load frame work space.

2. It must only be constructed with materials given to you e.g. 4 glue sticks, 10 x 40 foam-core.

3. You may use any tools at your disposal.

4. Use good construction techniques
   a. Cut once, measure twice
   b. Clean, straight cuts are critical - nicks create stress points where the beam will fail.
   c. Good glue joints. Glue under the joint will not make a strong joint.

5. Load frame fixtures differ approximately 1/4". You will not have a choice of which load frame to use.

6. I will open the lab by appointment to re-measure the fixture.

7. Beam cannot use aluminum struts or the bottom of fixture for support.

8. You may use your TAs as advisors. They will not give you answers.