

Steve Bruneau, EN4013, 737-2119 ---- May, 2007

## BEAMO

This is a new apparatus that will be used as part of the ongoing EN4312 Mechanics of Solids I Course, Spring semester, 2007.

<u>Required:</u> See illustrations – drawings are approximate and lack some detail. To be completed and working by June 12<sup>th</sup>

## **Technical Services**

Cut weld and assemble the beam, track and supports (beam provided) Cut and assemble the loose weights and the weight tray/rack prime paint all parts for accepting high gloss paint later Mount the beam and weight assemblies onto the desk (provided). Weld high quality easy gliding casters onto desk.

Structures Lab

Strain gauge installation and wiring for DA board and laptop (provided) Assistance with DA for instructor and software developer

## Account for this work:

Civil Instructional budget for EN 4013 requested by instructor and signed by Barb or other office representative for accounts.

Contact: Steve Bruneau EN4013, 737-2119







## Hidden slot(s) for travel block

These seats are for positive placement (@ 4" centers) of the sliding block and to protect the strain gauges mounted between them down the middle of the underside of the beam



Support seats /strain gauge protectors





Note: make the pin remove-able so that the beam can be taken off and worked on



Dimensions of traveling block