LAST DAY OF ANY AND ALL SUBMISSIONS: NOVEMBER 29, 2004

OPTION #1- GROUP (1 TO 3 PEOPLE) DESIGN PROJECT

*ONE INDIVIDUAL FROM EACH GROUP MUST PRESENT REPORT TO CLASS IN AN ORAL PRESENTATION

* DESIGN A FORM SYSTEM FOR A MULTIPLE STORY BLDG. DESIGN MAY INCLUDE ANY OR ALL OF THE FOLLOWING DETAILS:

VERTICAL AND/OR HORIZONTAL FORM SYSTEM
1. VERTICAL LOADING SYSTEM FOR MULTIPLE STORY BLDGING
2. LATERAL LOADING SYSTEM (WIND, CONC, SOIL, ETC.)
3. FORM COMPONENT DESIGN (WALES, SHEATHING, STUDS, JOIST, ETC.)
4. CALCULATIONS FOR BENDING, SHEAR, DEFLECTION, BEARING, COLUMN

OPTIONAL:

1. DRAWINGS AND DETAILING OF MECHANICAL PARTS
2. COST ESTIMATING

OPTION #2- INDIVIDUAL PROJECT

*ONE INDIVIDUAL WILL VISIT A CONSTRUCTION SITE AND PRESENT REPORT TO CLASS IN AN AUDIO/VISUAL PRESENTATION

* OBSERVATION OF A FORM SYSTEM MAY INCLUDE ANY OR ALL OF THE FOLLOWING DETAILS:

VERTICAL AND/OR HORIZONTAL FORM SYSTEM
1. CONSTRUCTION PROCEDURE AND NOMENCLATURE
2. ACTUAL DESIGN LOADS USED AT THE SITE
3. FORM COMPONENT DESIGN INFORMATION (WALES, SHEATHING, STUDS, JOIST, ETC.)
4. SUBGRADE INFORMATION AND/OR SYSTEMS

OPTIONAL:

1. DRAWINGS AND DETAILING OF MECHANICAL PARTS
2. COST ESTIMATING

AN APPROVED OUTLINE OF ALL WORK MUST BE SUBMITTED NO LATER THAN NOVEMBER 8, 2004.