

ENGR 220

Required Format for Homework Solutions:

Given	<ul style="list-style-type: none">• Rewrite the problem statement on your paper and draw a sketch of the geometry to be analyzed.• Clearly tabulate all of the given information, such as dimensions, material properties, forces, etc.
Required (or Find)	<ul style="list-style-type: none">• Identify the unknown quantity or quantities to be determined.
Solution	<ul style="list-style-type: none">• Draw the appropriate Free Body Diagram• Apply the appropriate principles and equations. Each major step should have a heading labeled.• Carry units through all of your calculations• Report answers with appropriate number of significant digits, and with appropriate units• Underline intermediate results, and box your final answer(s)
Discussion of Results	<ul style="list-style-type: none">• Study the answer to see if it is reasonable• Give any limitations on the solution

- Your solution should have all of the sections listed above.
- Your solution must be completed in dark pencil on one of two kinds of paper:
 - Engineering Paper (yellow, green or white) with grid on backside of paper only
 - Plain white copier or printer paper

****NO HORIZONTALLY RULED NOTEBOOK PAPER****

- Each problem should be completed on a separate page. If more than one page is needed for one problem, write “continued on next page” at the end of the first page and “continued from previous page” at the beginning of the next page.
- Only one side of each page should be used.
- Each assignment must be placed in its own labeled tab in a 1” to 1.5” three ring binder. Use binder dividers with plastic tabs to clearly separate assignments. Label each tab according to the name of the assignment.
- At the top of each sheet, the name of the homework set must be written at the left, the problem number must be written in the center, your name must be written at the right.
- In the right margin at the top of the page you must write the page number within that assignment / the total number of pages in that assignment (i.e. the 3rd page in a 5 page assignment, you should write 3/5).