Final exam: It is not permitted to discuss the content of this exam with others. All your work must be shown; be neat and mark your answers. (10/4 points each problem).


2. Determine the forces in members $FG$, $EG$ and $GD$ for the simple truss.
3. Locate the centroid of the shaded area between the two curves.

4. Construct the shear and moment diagrams for the loaded beam.