

Applications in Engineering Mechanics

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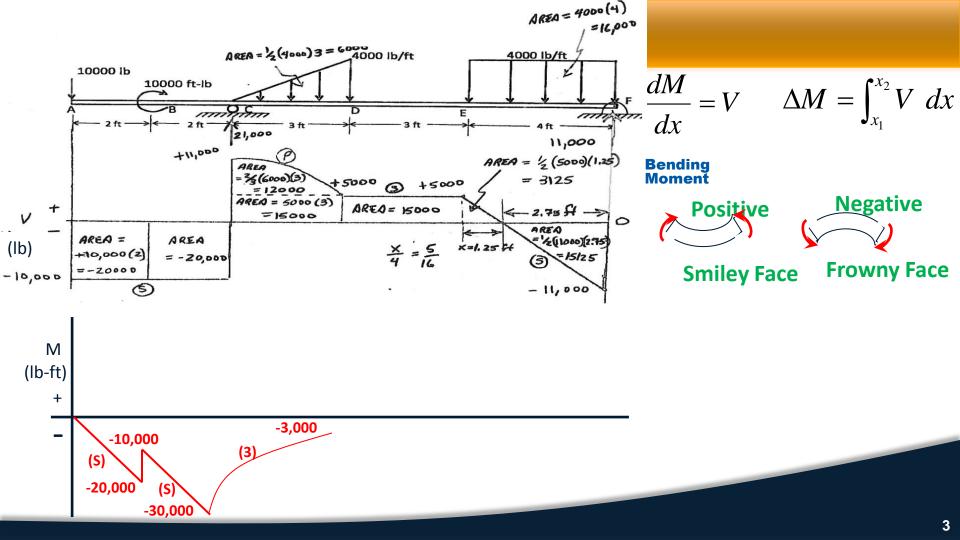
Director of the Office of Student Services and Senior Academic Professional School of Mechanical Engineering

This course addresses the modeling and analysis of static equilibrium problems with an emphasis on real world engineering systems and problem solving.



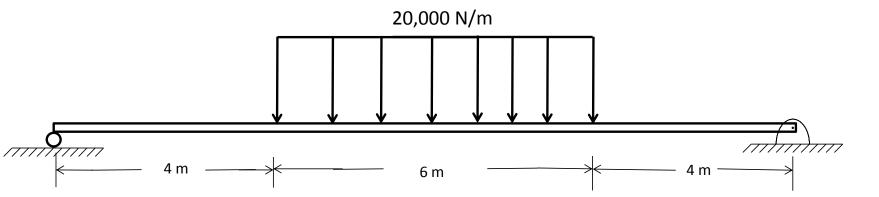
Module 17 Learning Outcomes

- Determine internal Shear Forces and Bending Moments in multiforce members.
- Sketch a Bending Moment Diagram for a multiforce member



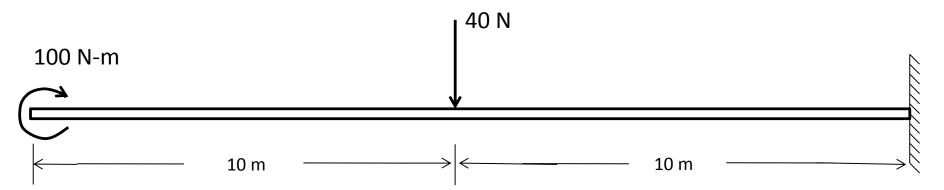


Worksheet 1: Draw the shear force and bending moment diagrams for the beam loaded as shown.





Worksheet 2: Draw the shear force and bending moment diagrams for the beam loaded as shown.





Worksheet 3: Draw the shear force and bending moment diagrams for the beam loaded as shown.

