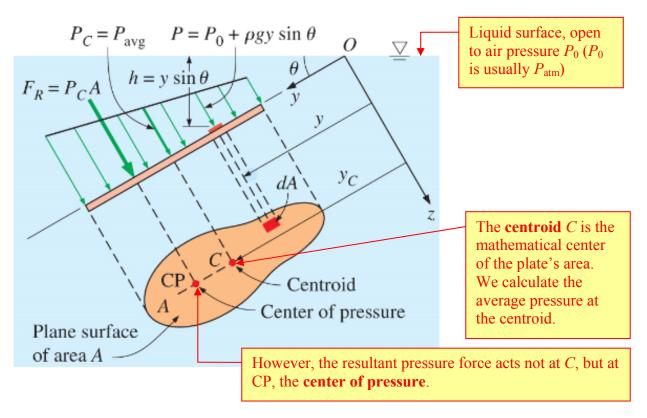
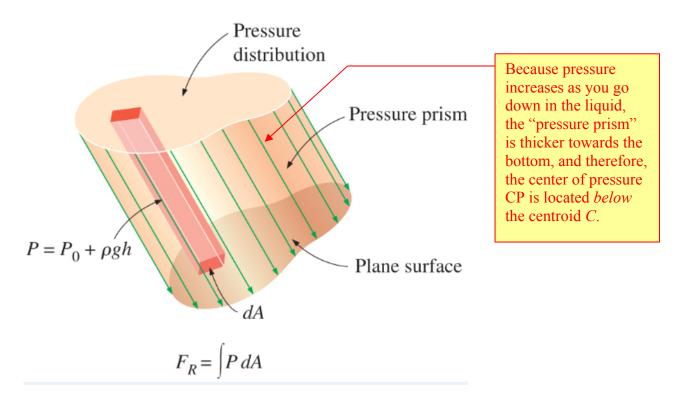
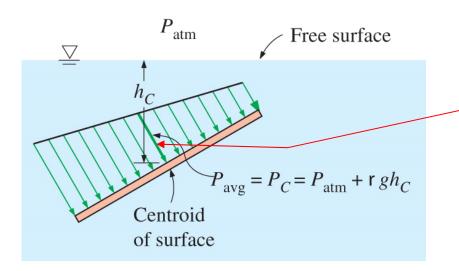
## **Hydrostatic Forces on Submerged Plane Surfaces (Sec. 3-5)**

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Average pressure  $P_{\text{ave}}$  is easy to find – it is simply the pressure at the centroid C of the plate's surface area.

(See the text, Fig. 3-31, for centroids of many common shapes.)

