**Basic Fluid Mechanics Terms from Chapter 2**

These are basic fluid mechanics terms mainly from Chapter 2.

surface force

body force

gage pressure =

absolute pressure or total pressure or actual pressure

vacuum pressure =

manometer =

center-of-pressure = the point where the resultant force acts on the area. It is always BELOW the centroid (y-directionally speaking)

hydrostatic force =

buoyant force =

Archimedes principle =

2nd moment of area about the centroidal x-axis

Also: Advantage of an inclined manometer