## Phys 2110-4 2/8/13

Note Title 2/8

Dynamics Forces

what changes motion?

Newton's 1st Law: Motion is maintained, un 655
Weberty

a force acts on the object

How to forces Mange motion? Acceleration depends on property of object. "In entia" "Ballinss Mass 15 measure 2 in hy. 2 & Fret

いいかう Unita? Newton, N newton 4 = 4446 N What's ? He accel? 60H  $F_{\chi} = MG_{\chi}$   $G_{\chi} = F_{\chi} = \frac{6.0N}{(2.0 \text{ M})} = 3.0 \frac{\text{m}}{\text{s}^2}$