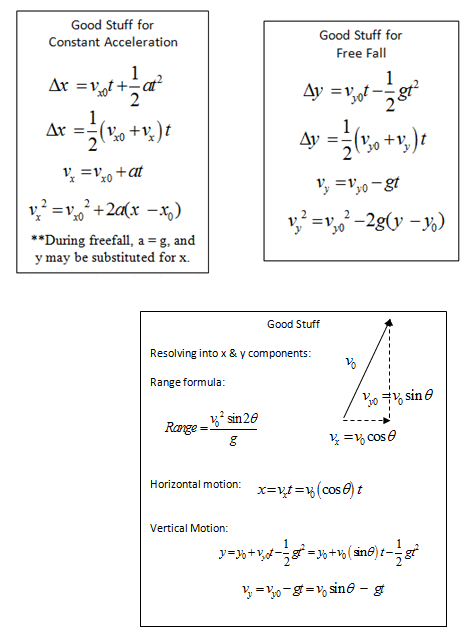
Physics 200

Semester 1 Formulas, 2017-2018

d=rt [zero acceleration]

**Formulas:**



acentripetal = v2/r Fcentripetal = mv2/r G = 6.67x10-11Nm2/kg2

Circumference = 2πr w=mg

W=Fd Wnet = ΔKE ΔPE = mgh

KEinitial +PEinitial = KEfinal + PEfinal KEinitial +PEinitial + Wnc = KEfinal + PEfinal

PEspring = Fspring = kx