





## 01/08/2008

UCSD: Physics 121; 2012













































## Machining, Drawing, SolidWorks











UCSD: Physics 121; 2012 Assignments Reading from Chapter 1: - (black =  $3^{rd}$  ed.; red =  $4^{th}$ ) - sec. 1.1 except 1.1.8; sec. 1.1 except 1.1.8 - sec. 1.2; secs 1.2, 1.3 - secs, 1.3.4-1.3.8; secs 1.4.1-1.4.4, 1.4.8 - sec. 1.4;sec 1.5 SolidWorks Tutorial & part emulation, including: - 3-D part, matching measurements - 2-D drawing a machinist would enjoy - description of part function, if not a pre-made part - brief write-up including difficulties overcome, estimated mass (from SolidWorks model), and a brief description of how one would make the part-roughly at level of second indentation (dash) in lecture detail of the example part - see website for (definitive) lab instructions/details Winter 2012 34