

Name \_\_\_\_\_

ECE 3300– Basic Electromagnetics

**Portfolio 2:** What are electric and magnetic fields, and what causes them? (What are the sources?) What are their units, and the units on all related constants?

**Homework 2:**

Verify that the units agree (left hand side of equation has same units as right hand side of equation) in equations 1.7 (Force), 1.8 (electric field), 1.16 (magnetic field), 1.13 (magnetic flux density) in the text.

**Turn these in TOGETHER.**