

Physics 211

Elementary Physics

Fall 2012

Instructor: Dr. Geoffrey Lovelace
Sections 1 & 70

Lecture 7 — 9/18/12

I. Survey results

II. More projectiles

A. Demo: simultaneous fall

B. More examples: shot-put, archer fish

C. Features of projectile motion

1. Visualize position, velocity, acceleration

2. Hang time

3. Worked example: range vs. angle

III. Assignments

A. Reminder: homework #3 due Thursday at 11:59PM

B. Exam #1: 1 more class remains before first exam

C. Class participation: Concept you are feeling most confident about, least confident about; do you like whiteboard or slides better for examples?