Physics 2125	Experiment 9	Pre-Laboratory Assignmen	
Name	Instructor na	Instructor name	
You must show and explain all work needs for calculations. YOU MUST TUI			
1. A block, having mass M , slides down and the inclined plane is f , the block's w body force diagram showing the forces a equations for this situation. (8 pts)	reight is Mg , and the	normal force is N . (a) Draw a free-	

2. A 10.50 cm high elevation block is placed under one end of a 1.00 m long track. Sketch the

3. You do not need the experiment results to do Part 26 on page 60 in the Laboratory Manual.

problem, and find the angle of elevation of the track. (5 pts)

Carry out the detailed algebra to derive equation (4). (7 pts)