

## Conservation of Momentum Lab

1. Group of one or two.
2. choose/record a video (prerecorded videos are on the course website).
3. Use tracker on the netbooks. Keep everything saved to your account and a memory stick.
4. Use graph at  $V_y - t$  and  $V_x - t$  to calculate total momentum before and after the collision. Include graphs in report.
5. Using the components from 4, calculate the initial and final velocities of each object.
6. Write a brief conclusion (summarize results and errors).