Newton's 2nd Law

Apparatus

- 1. 1 2m Track, Bumpers
- 2. Wireless Smart Cart with Force Sensor Hook Attachment
- 3. 2 Track Pulleys
- 4. 2 Mass Hangers
- 5. 5 x 5g Slotted Masses
- 6. Electronic Balance
- 7. String
- 8. USB Bluetooth Adapter
- 9. Laptop

A demonstration of the apparatus is set up on one of the lab tables for reference.

Procedure

1. Plug the USB Bluetooth adapter into the laptop and power on the Wireless Smart Cart. The Bluetooth LED on the cart will begin flashing red, indicating that it is ready to be paired. Boot into Windows or OSX and open the Capstone software. A shortcut should be located on the desktop in Windows and on the dock in OSX. Note: The 850 interface is NOT required when using the Wireless Smart Carts.

















