

**You may retake the angular quantities quiz any time this week – just give me a head's up!**

- Mon. 11/14 1) Go over circular motion TIPERs  
2) (Finally) go over any ExpertTA  
3) Sample geosynchronous problem – a preview to universal gravitation  
4) Intro. To Photo Project – we had a lot of finalists last year!  
5) HW: Read Ch. 9 for a Reverse Reading Quiz on Tuesday.
- Tues. 11/15 1) Reverse reading quiz on Ch. 9 (momentum and impulse) → use your notes to ask me three questions on different parts of the chapter)  
2) Discussion of collision types, relating momentum-impulse formula to Newton's 2<sup>nd</sup> Law, and sample problems  
3) HW: Complete the Ch. 9 Conceptual Questions for Friday
- Weds. 11/16 1) Demonstration with air track and carts for momentum  
2) LAB: Momentum with Carts introduction
- Thurs. 11/17 1) LAB: Momentum with Carts
- Fri. 11/18 1) Check/ go over Ch. 9 conceptual questions  
2) HW: Complete Ch. 9 problems (in back of book)
- Mon. 11/21 1) Momentum with carts → finish, have discussion of results, and present data. There will be a lab write-up (~1-2 pages) for this due on 11/28 when you return from Thanksgiving break. Don't want that HW? Get it done early!
- Tues. 11/22 1) Check and go over the Ch. 9 HW.  
2) Introduction to the Center of Mass of Momentum (if time)
- Weds. 11/23 1) Pre-goring day
- Thurs. 11/24 1) Happy Thanksgiving – make sure to let the people you are thankful for know that!
- Fri. – Sun. (11/25 – 11/27) →
- Mon. 11/28 1) Collect the Momentum with Carts Lab Write-Ups  
2) Center of Mass of Momentum discussion and examples  
3) HW: Read Ch. 10 for Wednesday 11/30 for a reading quiz. This is a pretty long chapter, and does calculus proofs poorly, so don't get bogged down with those unless you are a math-o-phile.
- Tues. 11/29 1) Re-introduction to work-energy bar charts and examples of qualitative and quantitative examples

