

# PHYS 1211 *University Physics I*

Winter Quarter, 2007

## Extra Credit 2

Due: Monday, March 12, 2007

INSTRUCTOR

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M&F 11am-12pm  
Th 2-4pm  
(or by appointment)

THE PHYSICS OF FOOTBALL

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Next week, the American Physical Society's March Meeting comes to Denver. This is, I believe, the largest yearly meeting of physicists in the world. Each year a public lecture is offered on an interesting topic in general physics. This year the lecture is titled "Thursday Night Football Physics with Tim Gay," to be held on Thursday, March 8, 2007, at the Adam's Mark Hotel Denver, Grand Ballroom, Tower Building, 1550 Court Place, Denver, CO 80202.

Your mission in this extra credit assignment, worth credit roughly equivalent to a homework assignment is:

1. Attend the lecture.
2. Write a one-page summary of what you learned from the lecture.
3. Write one homework-style question (with a solution!) based on the Physics of Football, using concepts you have learned in this class.

Travel to the hotel (near the Colorado Convention Center) is easy from campus using RTD Light Rail. I certainly hope you can attend, and have fun, and PLEASE TRAVEL WITH A FRIEND! I don't want anyone to get lost in downtown Denver. If you want to go and no one you know is planning to attend, let me know...