

Physics 504a - Fall, 2007

Professor Tu-nan Chang

Textbook: *Classical Mechanics*, 3rd ed. by Goldstein, Poole, and Safko

- Lagrange method – Theory (Chapters 1 and 2)
- Lagrange method – Applications (Chapters 3 and 6)
- Formal Theory of Classical Mechanics (Chapters 8 - 10)
- Additional applications (Chapters 4 and 5)
- Chapters 11-13, (*if time permits*)

Homework: will be assigned at least one week before it is due either on **Monday or Wednesday**. (*Late work will not be accepted.*)

Examinations: i) Midterm ($\sim 1\frac{1}{2}$ hrs) & ii) Final (~ 2 hrs)

Office hours: M (11-12 noon) & F (2-3:30 pm) or by appointment
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