Syllabus PHYS 354 (Intro to Quantum Mechanics)

- Subject of this course:
  - Quantum mechanics
    - Why classical physics fails
    - Schrödinger equation and applications (tunneling)
    - Identical particles & Pauli exclusion principle
    - Entanglement?

- Instructor:
  - Name: Steven van Enk
  - Office: WIL 251 (261 temporarily)
  - Email: svanenk@uoregon.edu
  - Office hours: Monday 2pm-3pm & Wednesday 10am-11am

- TA:
  - Name: Xiaolu Cheng
  - Office: WIL 218
  - Email: xcheng@uoregon.edu
  - Office hours:

- Textbook:
  - A.C. Phillips, Introduction to Quantum Mechanics

- Alternative books at similar level:
  - French and Taylor (more extensive)
  - Hameka

- Grading:
  - Quiz [Thursday April 26, 2007]: 10%
  - Midterm [2/3 term Thursday May 17, 2007]: 20%
  - Homework: 35%
  - Final test: 35%
  - Extra credit for active participation in class: max 4%

- Homework:
  - Due before class on Tuesdays (no homework in quiz/exam weeks)
  - Late (~48 hours) homework will be corrected, but counts only 50%
  - Lowest homework score is dropped