Outline

1. Perspective in QM
2. Formalism of QM
3. Time Evolution
4. QM in 1-dimension
5. Coherent States
6. WKB and Instantons
7. Path Integrals
8. Gauge-Invariance
9. EPR and Bell Inequalities

Reference Material

J. Sakurai, Modern Quantum Mechanics, ed. Adison wesley

Grade

The grade will be: Hw (1/3) + Mid (1/3) + Fin (1/3)

Grader

TBA