

Name: _____

Student ID: _____

My first 10 choices are:

____, _____, _____, _____, _____, _____, _____, _____, _____, _____

Topics for PHY431 Midterm Presentations

1. Wave plates (quarter wave, half wave)
2. Microscope objective: infinity corrected, plan apochromat
3. The inverted compound optical microscope (Olympus, Nikon, Zeiss)
4. Graded index single-mode optical fiber
5. POVray
6. SOAR telescope
7. Fabry-Perot interferometer
8. Barcode scanner
9. Achromatic lens set (doublet and triplet)
10. Polarizing cube beam-splitter
11. Holographic diffraction grating
12. Optical tweezers
13. The grating spectrometer
14. Digital light processing (DLP) TV