Physics

PHYS 427  **Thermo & Statistical Physics**  credit: 4 hours.

(PHYCS 361) Course in statistical and thermal physics designed primarily for advanced undergraduates; topics include equilibrium thermodynamics, statistical mechanics, and kinetic theory of gases. A unified treatment is used in that the principles of heat and thermodynamics are discussed along with statistical postulates and the microscopic approach of introductory quantum mechanics Credit is not given for both PHYS 427 and any of the following: ME 404, CHEM 442 and CHEM 444, and MSE 500 Prerequisite: Two 400-level courses in physics or consent of instructor

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