MECH6307 - Thermal and Energy Principles

MECH 6307 Thermal and Energy Principles (3 semester hours) This course provides an extended treatment of the fundamentals of thermodynamics as related to energy conversion, storage, transmission and use. Industrial topics may include: conventional and sustainable power generation or efficiency in refrigeration, air-conditioning and heating applications. Further applications may include: studies of internal combustion engines, heat pump systems, and other energy conversion machines. Prerequisites: MECH 3320, MECH 33 15 or equivalents. (3-0) Y (2016-02-05 21:08:57)