MECH6380 - Advanced Heat Transfer

MECH 6380 Advanced Heat Transfer (3 semester hours) This course provides an introduction to fundamentals of conductive, convective and radiative heat transfer with an emphasis on numerical and analytical solutions. Steady and transient one- and multi-dimensional thermal conduction are described. Other topics include emphasis on analytical methods, numerical techniques and approximate solutions. Prerequisites: MECH 4350, MECH 3315 or equivalents. (3-0) T (2016-02-05 21:07:34)