

COURSE CODE: METHER1

COURSE TITLE: Basic Mechanical Engineering Thermodynamics

DEPARTMENT: Mechanical Engineering Department

TEXTBOOK:

Fundamentals of Engineering Thermodynamics, 8th Edition
Moran, Michael J ; Shapiro, Howard N ; Boettner, Daisie D ; Bailey, Margaret B
New York: Wiley, 2014

READING LIST:

Thermodynamics: an engineering approach
Cengel, Yunus A.; Boles, Michael A.; Kanoglu, Mehmet.
Singapore: McGraw-Hill Education Asia, 2011

Thermodynamics: from concepts to applications
Shavit, Arthur.; Gutfinger, Chaim.
Boca Raton: CRC Press, 2009

Principles of engineering thermodynamics
Moran, Michael J.; Shapiro, Howard N.; Boettner, Daisie D.; Bailey, Margaret B.
Singapore: John Wiley & sons, Inc., 2012

REQUISITE EQUIPMENT/MATERIALS FOR THE COURSE: