



University of Hormozgan
Mechanical Engineering Department

Thermodynamics I
Spring Semester 2020

Instructor: Dr. Pouyan Adibi
Email: adibi@hormozgan.ac.ir

Time and Location:

Sun. 11:00- 12:00, Computer Site
Tue. 10:00- 12:00, Computer Site

Suggested References (Not Restricted to):

- [1] Borgnakke, Sonntag, **Fundamentals of Thermodynamics**, John Wiley & Sons INC, 8th edition, 2013
- [2] Cengel, Boles, **Thermodynamics, An Engineering Approach**, Mc Graw Hill INC, 5th edition, 2004
- [3] Moran, Shapiro, **Fundamentals of Engineering Thermodynamics**, John Wiley & Sons INC, 5th edition, 2006

ASSESSMENT { Homework 10%
Midterm 30%
Final 60%

Outline:

<input checked="" type="checkbox"/> Introduction and Preliminaries	MIDTERM	FINAL
<input checked="" type="checkbox"/> Properties of a Pure Substance		
<input checked="" type="checkbox"/> First Law of Thermodynamics, Energy Analysis		
<input checked="" type="checkbox"/> Second Law of Thermodynamics		
<input checked="" type="checkbox"/> Entropy		
<input checked="" type="checkbox"/> Second Law Analysis, Exergy		