

ME 323, Spring 2008, Tues. June 3

Homework #9 (Extra credit), due Fri. June 6 (5 PM), (text: Incropera & DeWitt, ID)

Reading (ID) Chpt 11: Heat Exchangers

11.1-5 skim rest

- Overall heat transfer coefficient, U
- Co-flow and counter flow heat exchangers
- Heat exchanger design and performance calculations

Problems (ID):

11.2 a, b only

11.16

11.20

For (b) please use both LMTD and NTU methods to determine the length required for the heat exchanger.

11.21