

Heat Transfer

Duration

1 day 5 Hours

No. of Attendees

Max. 25 Attendees

Language

Arabic, English

Overview

This course provides participants with recent developments in heat transfer equipment, thermal conductivity and resistance. Also they will be able to calculate heat transfer coefficient and rate of transfer. They will identify different types of heat exchangers commonly used in industry, and learn how to diagnose and correct operating problems.

Topics

- Types of heat transfer and the laws associated
- Define thermal conductivity and thermal resistance
- Calculate the rate transfer by conduction both for plane and cylindrical systems
- Heat transfer coefficient
- Types of heat exchangers commonly used in the industry
- Operation of heat exchangers
- Calculate heat transfer rates in heat exchangers.

