

Course Number

MER-231-02

Course Description

A basic engineering science course dealing with relations between heat and other forms of energy. Topics include: basic thermodynamic principles, properties of simple substances, energy and the first law of thermodynamics, entropy and the second law of thermodynamics, and ideal cycle analysis. Elementary environmental economic and sustainability considerations related to thermodynamic processes. Interdisciplinary

Studies Programs: ENS

Academic Term

22/FA

Instructor

Wehe, Shawn

Location & Meeting Time

Integrated Science & Engineering Complex-218 M/W/F 01:50PM-02:55PM LEC

Petition

Y

Credits

1.00

Capacity

24

Total Students

8

Interdisciplinary Programs

Environmental Science & Policy

Academic Department

Mechanical Engineering

Field Of Study

Mechanical Engineering (MER)