

Department of Applied Mechanics, IIT Delhi
Second Semester, 2025-2026

Engineering Thermodynamics (APL 206) 2-0-0

Course Co-ordinator: Gaurav Singh (E: gsingh@am.iitd.ac.in, O: IV-255, P: 011-2659-1184)

Schedule: H slot (M/W 11-11.50 am & Th 12-12.50 pm)

Venue: LH 421

Teaching Assistants: Naveen Kumar (naveen.kumar@am.iitd.ac.in) & Ayan Basu (ayan.basu@am.iitd.ac.in)

Outline:

#	Topic
1	Introduction
2	Energy Transfer
3	Pure Substances
4	Control Mass
5	Control Volume
6	Second Law
7	Entropy

Textbook: Yunus A. Cengel & Michael A. Boles, “Thermodynamics”, McGraw Hill, 8th Edition, 2016

Evaluation:

Mid-sem	:	35%
Quizzes	:	25%
End-sem	:	40%

Note:

- All evaluative components of the course are closed book in nature.
- There will be no make-up for quizzes under any circumstances.
- Institute norms will be used for anything which is not specifically mentioned in this outline.