



## **ME271 Aug-Dec 3:0**

### **Thermodynamics**

#### **Instructor**

Pramod Kumar

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#### **Teaching Assistant**

Vivek Pandey

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#### **Department: Mechanical**

Course Time: Tue-Thu 8:30-10:00 AM

Lecture venue: ME Lecture Hall

Detailed Course Page:

### **Announcements**

#### **Brief description of the course**

Review of Fundamentals,

Concepts of First and Second Law

Advanced Topics in Entropy, Mixtures, Exergy, Combustion etc.

#### **Prerequisites**

Basic Thermodynamics

Mathematics, PDE's ODE's

#### **Syllabus**

First Law, Second Law, Exergy, Entropy, Mixtures, Fugacity, Applications, Combustion etc.

#### **Course outcomes**

Basic Concepts, Advanced Topics in Thermodynamics, Strengthening of Fundamentals.

#### **Grading policy**

3 Mid term Exams 50%

Final Exam 50%

#### **Assignments**

## **Resources**