SAN FRANCISCO STATE UNIVERSITY
School of Engineering

ENGR 303  
THERMODYNAMICS (3 units)  
Dr. Ahmad R. Ganji  
Fall 2008

Prerequisites:
PHYSICS 240

Text:

Additional references:


Course Outline:
1. Subject of Thermodynamics: Basic Concepts and Definitions.
5. Second Law of Thermodynamics
7. Thermodynamic Cycles; Gas and Vapor Power and Refrigeration Cycles
8. Properties of Gas Mixtures
9. Introduction to Heat Transfer

Course Administration:
The course will be conducted through three hours of lecture, and homework will be assigned on a regular basis. In addition to the final exam, one midterm (8th week) and two 30 minutes quizzes (5th and 12th week) will be given.

Evaluation:
Homework 10%, quizzes 20%, Midterm 30% and Final 40%.