

**INMT 2303**  
**Pumps, Compressors & Mechanical Drives**

**Western Texas College**

- I. Basic Course Information
  - A. A study of the theory and operations of various types of pumps and compressors.
  - B. Topics include mechanical power transmission systems including gears, v-belts, and chain drives
- II. Student Learning Outcomes
  - A. Identify the principals involved in the operation of centrifugal and positive displacement pumps and compressors.
  - B. Identify the function of various components in pumps and compressor, disassemble and reassemble pumps, compressors and mechanical drives
  - C. Troubleshoot pumps, compressors and mechanical drives
- III. Major Course Requirements
  - A. Homework / quizzes
  - B. Lab participation / attendance
  - C. Test / Final exam
- IV. Information on Books and Other Course Materials
  - A. Mechanical Drives – Amatrol – ISBN 2818560416135
  - B. Centrifugal Pump Learning Pump – Amatrol – ISBN 2818560416128
- V. Other Policies, Procedures and Important Dates
  - 1. Please refer to the WTC Course [Catalog](#)
- VI. Course Organization and Schedule - Disclaimer: Schedule and content is subject to change at the instructor's discretion
- VII. Grading - All material must be turned in prior to the week of finals; **Written work will not be accepted week of finals.**

Homework	40%
Lab	30%
Test (2)	20% (10% each)
Attendance	10%

- VIII. Disclaimer: Grading percentages subject to change at the instructor's discretion.

