# 2.000 Lab 2 Details - Tecumseh Transmission

**Purpose:**  Introduce you to shafts and gears. This lab will provide you the opportunity to develop skills in predicting their behavior.

**Importance:**  Gears are everywhere!!! Shafts are everywhere!!! You need to know them!!!

**Required reading:**


Lecture 6


Lab 2
(Link provided on the section page)

**Required materials:**  THIS IS A MESSY LAB, so do not wear your best clothes. Dress appropriately.

**What to hand in:**  Lab write-up. We will provide this.

**Due date:**  At the beginning of your next lab period (i.e. next week).

**How to complete this lab:**

1. **MOST IMPORTANT:** Ask questions if you get stuck!!! Do not "sit-and-spin". It wastes your time and eventually ours too. Besides, I hate to see people suffer.
2. We suggest that you work in groups of 5 to 6.
3. Move quickly. Whatever you do not finish in lab, you will still be responsible for next week.
4. You may only take apart the machine during this lab period, so make good sketches that you can refer back to.
5. It is important that everyone actively participate. Do not be an observer, your grade will suffer and you won't learn anything.

**Software:**  None required