



## BASIC INDUSTRIAL MECHANICAL DRIVES

- Training provides entry level skills in Mechatronics and Industrial Maintenance
- Training replicates industrial equipment in an industrial environment.
- Mechanical systems include; V-belt drives, Chain drives, Shaft drives, Couplings & Bearings
- Skills developed include:
  1. Assembly of mechanical components into a drive system using hand tools
  2. Alignment of the drive systems using standard industry test instruments
  3. Testing, measuring, and operating the drive system
- Measuring & alignment tools include; graduated rule, spirit level, straight edge, feeler gage, and pound-force indicator.
- Standard hand tools are required . not supplied.
- Electric drive motor, speed control and safety guards are included.
- Meets U.L. 508 requirements.
- Training is directed using standard industry work orders.
- Courseware is provided on CD-ROM and operates on PCs, Microsoft Tablets, and iPads