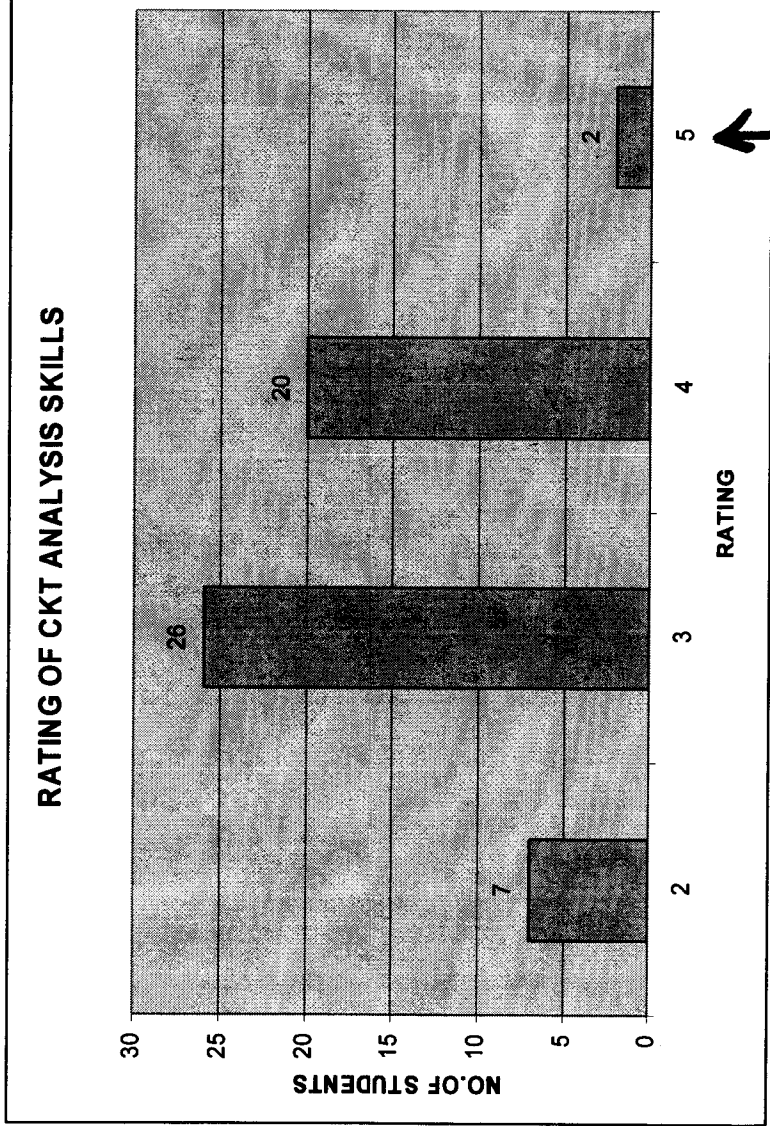
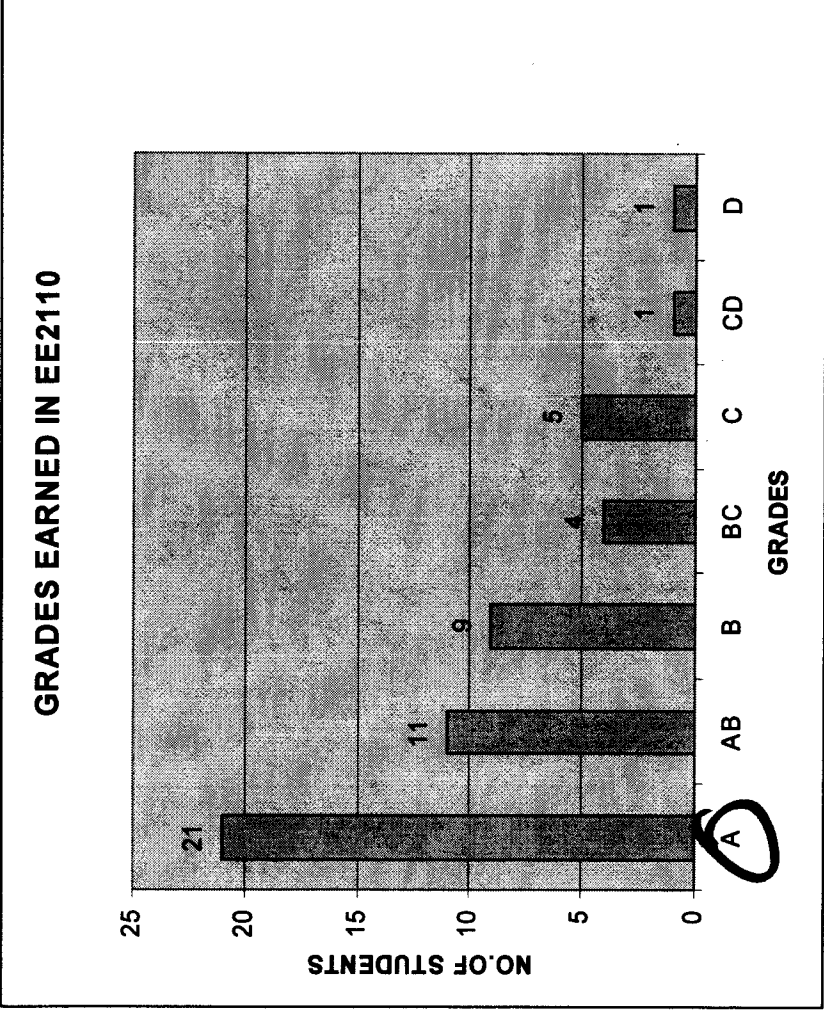


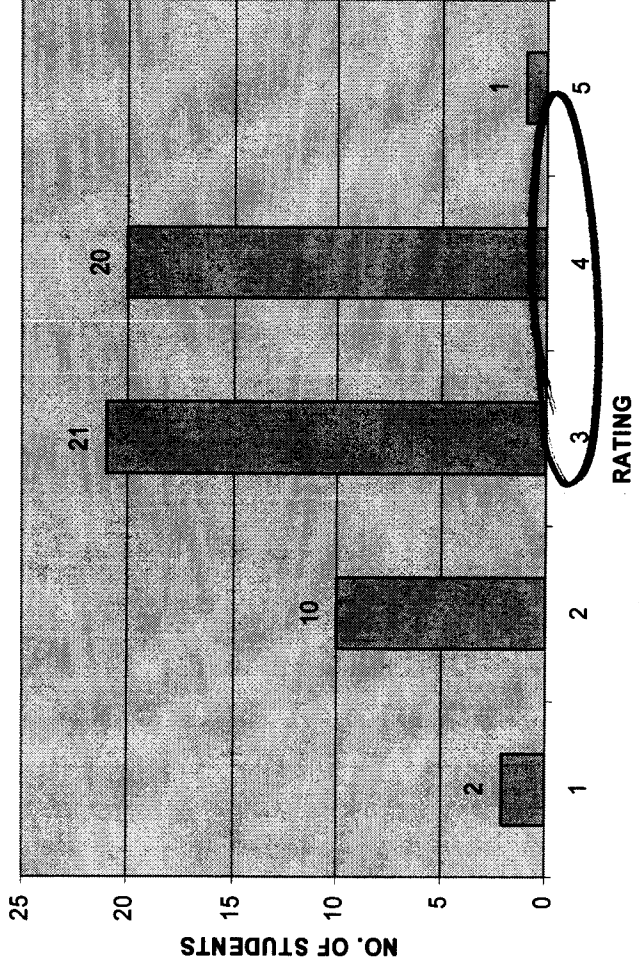
- Results from last Friday's survey ←
- After the pre-req, getting in a routine for rest of semester
- Overview of remainder of course
- Electrical Safety - Ch.8 (with Winter Carnival in mind).

TODAY:

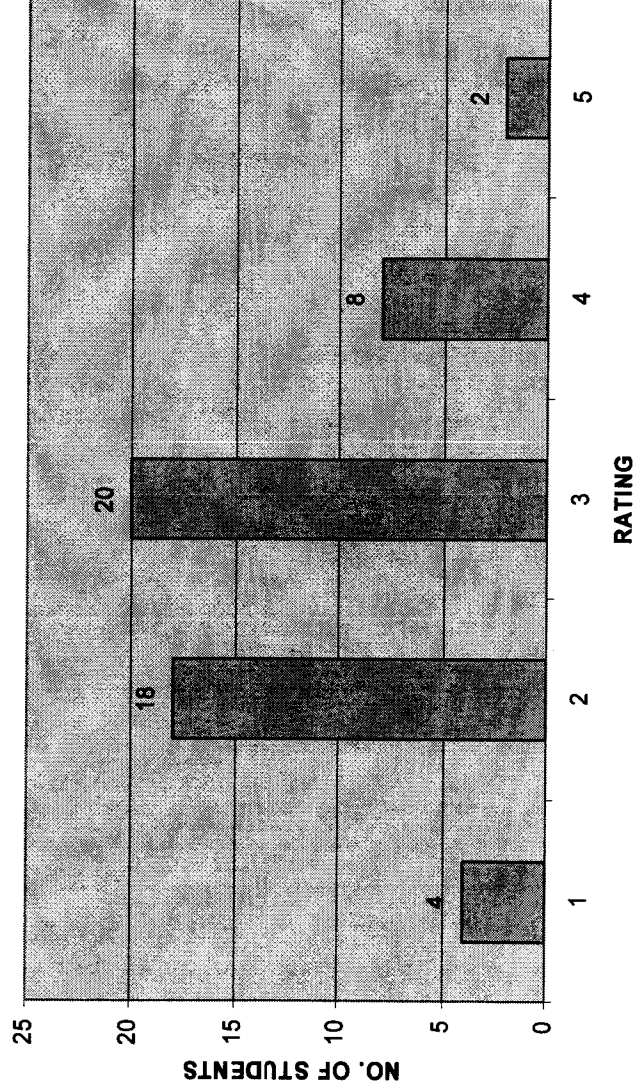
- Browse thru Table of Contents
- Electrical wiring systems at consumer level.
- System grounding
- Coming in contact with system
 - Step and touch potential
 - Danger to the human body
 - Recognizing dangerous situations
- Next Week - Chapter 4 - conventional power plants
 - Hydro —
 - Coal —
 - Nuclear —



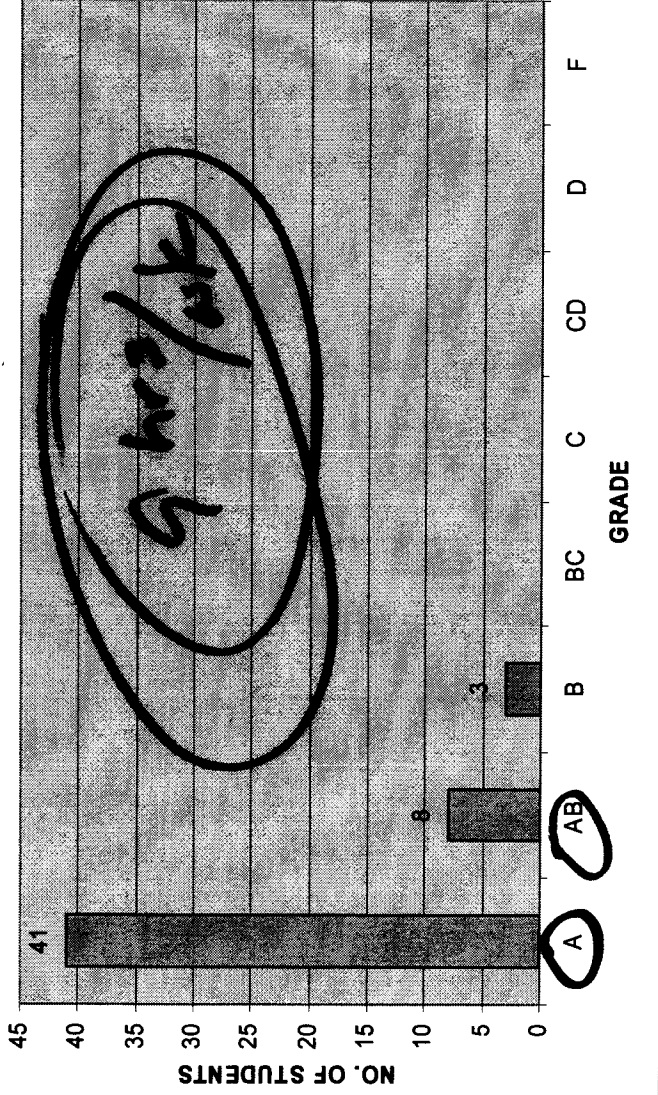
RATING OF PHASOR ANALYSIS SKILLS



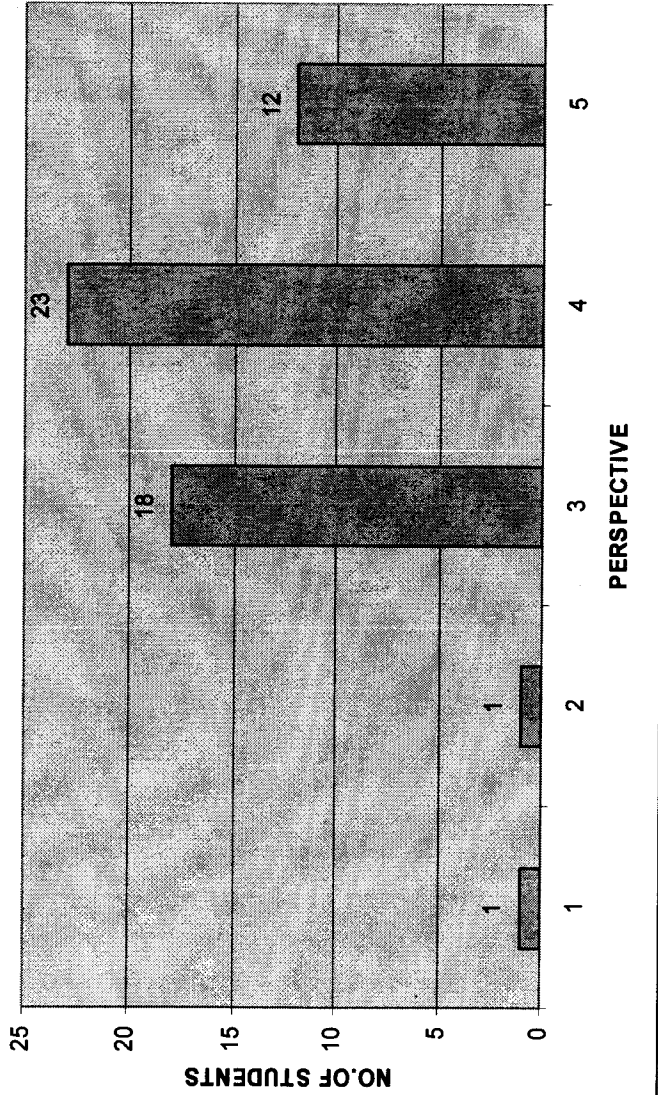
UNDERSTANDING OF MAGNETIC CIRCUIT



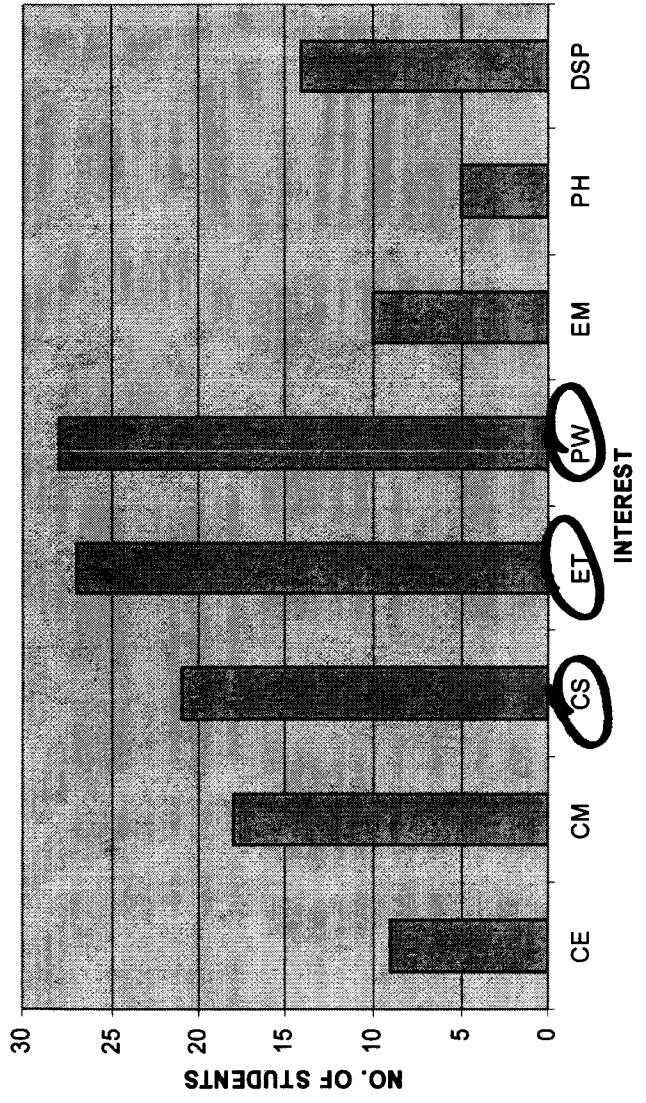
GOAL FOR EE3120



INTEREST IN TAKING EE3120

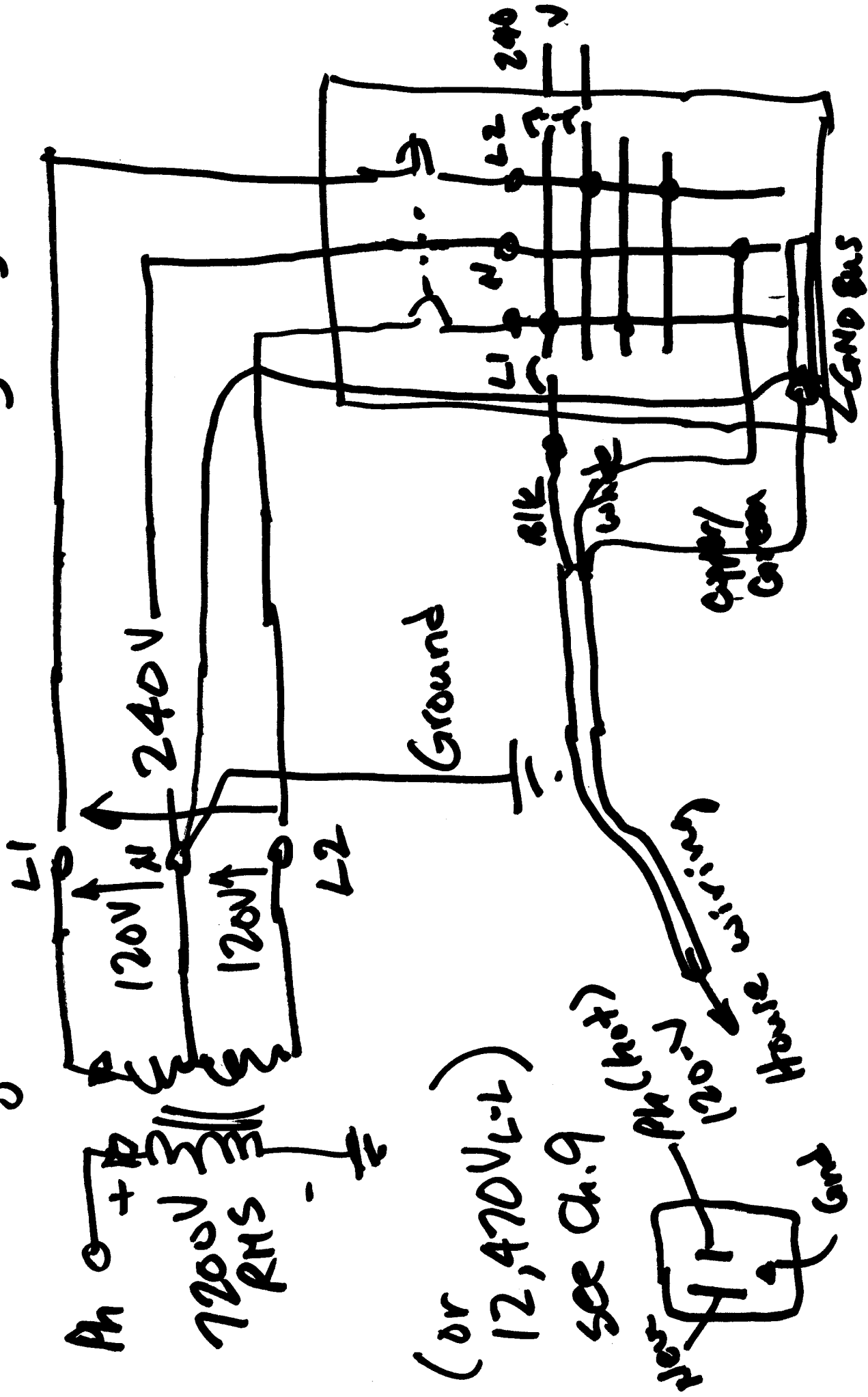


ELECTIVE CONCENTRATION AREAS



Electrical Safety -

- Design of electrical wiring system.



L1 L2 N

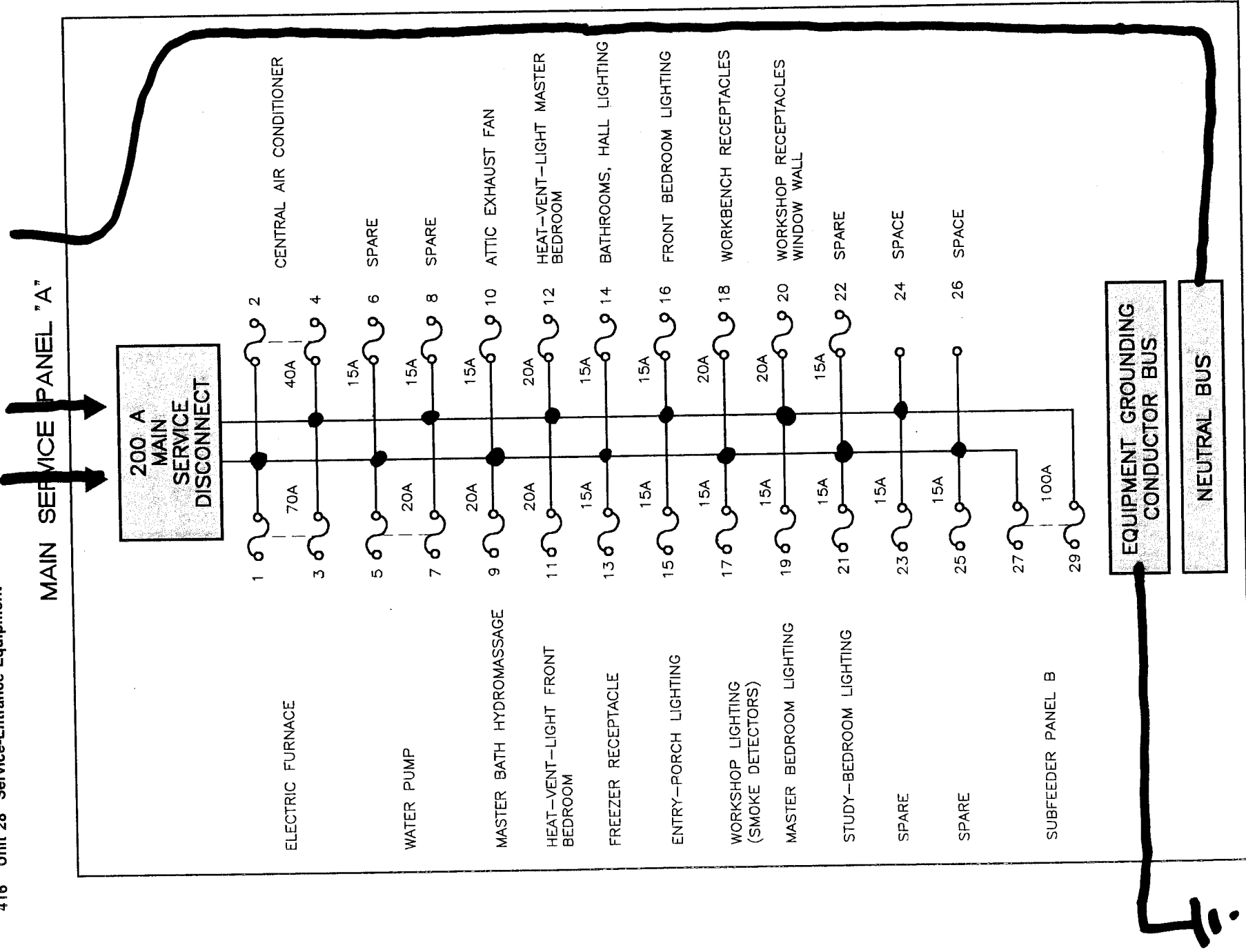
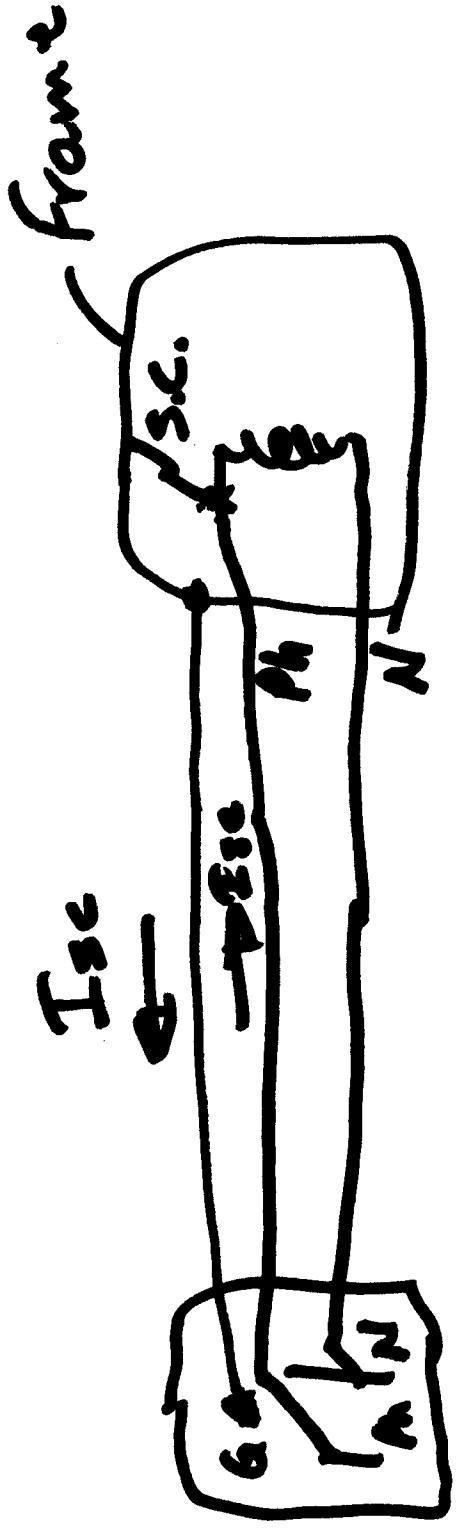


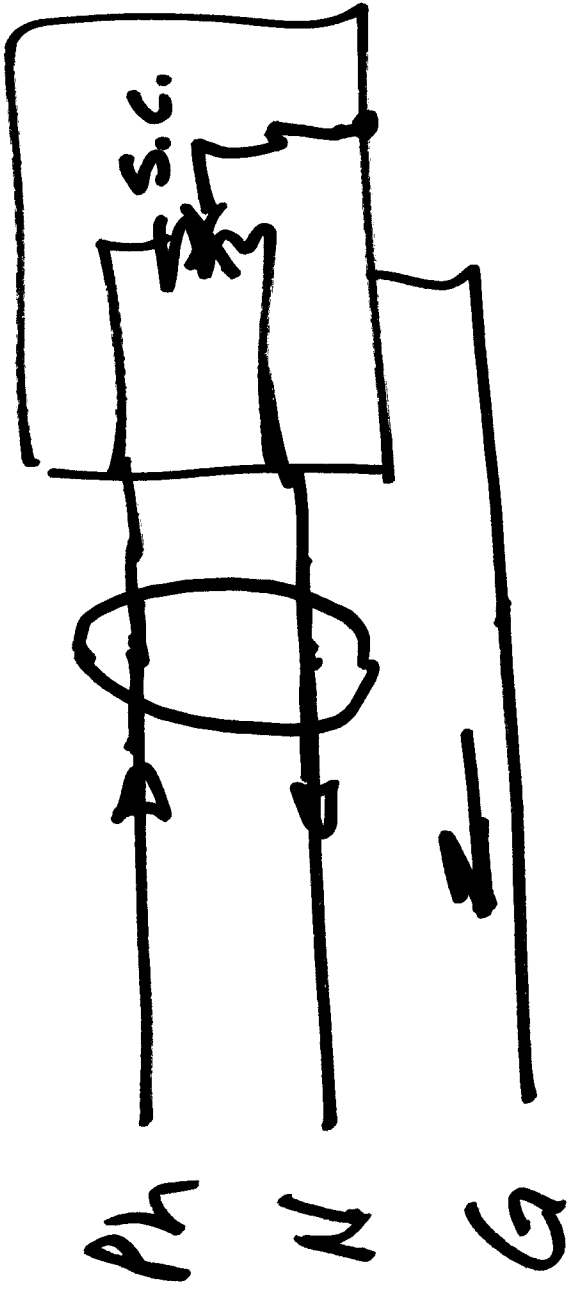
Fig. 28-9 Circuit schedule of main service panel A.



Double-Insulated
(no ground prong)

GFCI - Ground Fault Current Int.

GFCI



W.C. Safety

- Don't use "cheaters" (3-prong → 2-prong adapters)

- Keep dry

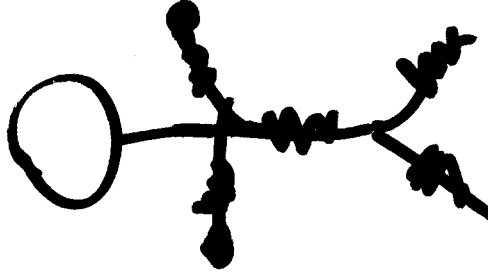
- Use one hand

Electrical

Accident

- Detection
- Let-Go
- Fibrillation

Current is key!



Dry Shoes
Dry Floor