

Course Name: Electrical Engineering Group **Course Code:** EE/EP

Semester : Third

Subject Title : Electrical Workshop

Subject Code:

Teaching and Examination Scheme:

Teaching Scheme			Examination Scheme						
TH	TU	PR	Paper Hrs	TH	TEST	PR	OR	TW	TOTAL
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Rationale:

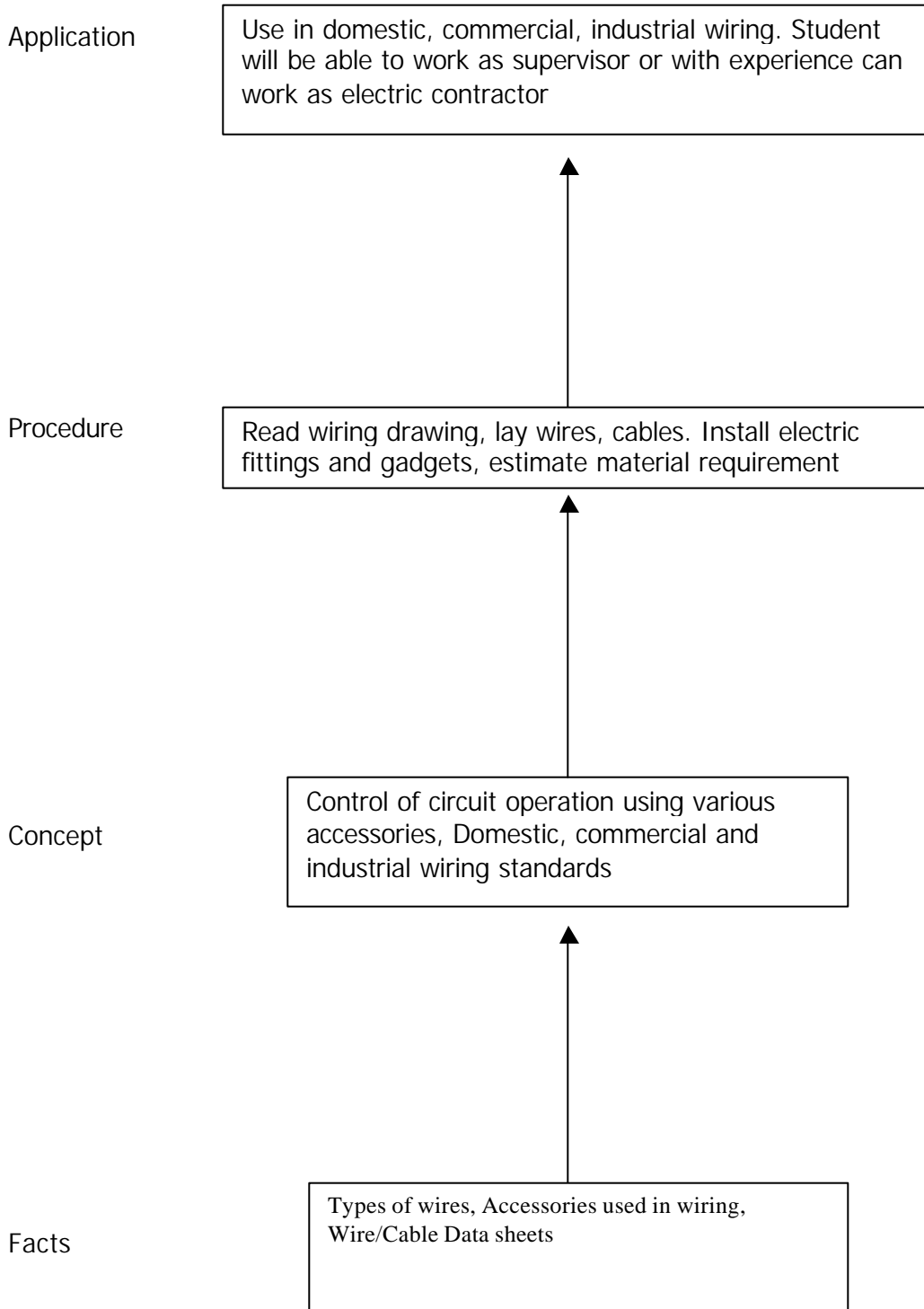
A technician should also have the practical skills regarding wiring , in order to provide him/her the various ways, techniques of fault finding while working on the shop floor. These skills will be developed when he/she actually performs the work.

Objectives:

Students will be able to:

- Identify various electrical accessories.
- Draw & understand the wiring diagrams
- Prepare schedule of material
- Use methods of wiring

Learning Structure:



Contents: Practical:

Note: All the experiments will be performed by using casing capping or conduit wiring, prepare schedule of material for each wiring work.

1. Identify, dismantle, sketch & assemble different electrical accessories 10 Hrs.
2. Wire up one lamp controlled by one SPT switch 06 Hrs.
3. Wire up two lamps controlled by two independent SPT switches 06 Hrs.
4. Wire up a call bell/ buzzer 06 Hrs.
5. Wire up four power sockets controlled independently 06 Hrs.
6. Wire up a test board 06 Hrs.
7. Wire lighting circuit for a go down wiring 08 Hrs.
8. Prepare & mount the energy meter board 08 Hrs.
9. Wire up consumer's main board with ICDP & distribution fuse box & 08 Hrs.
With LCB / MCB