

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:

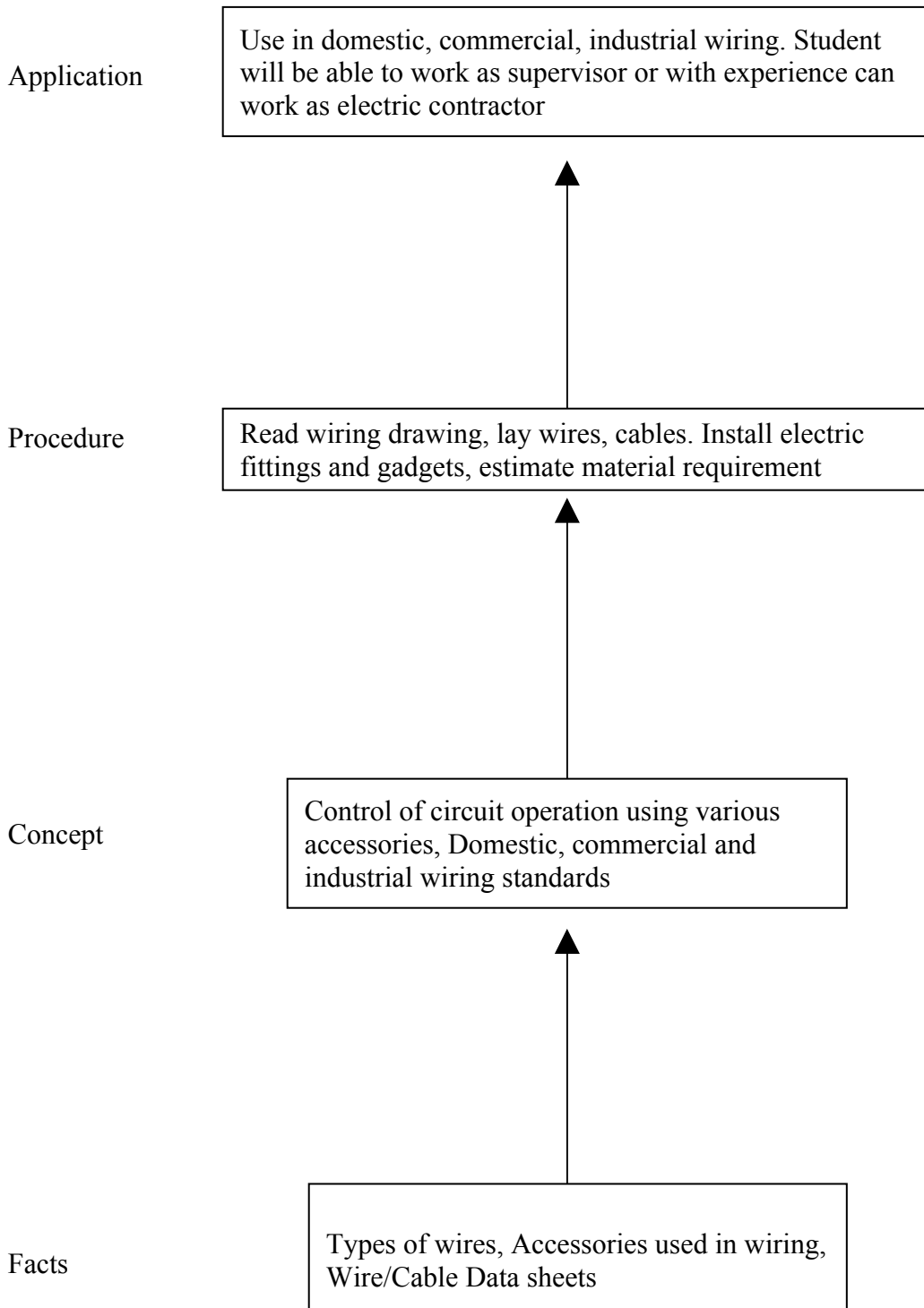
A technician should also have the practical skills regarding wiring , in order to provide him/her the various ways, techniques of fault finding while working on the shop floor. These skills will be developed when he/she actually performs the work.

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.

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|------------------------------------------------------------------------------------------------|---------|
| 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 | |