

SEMESTER <i>Second</i>	DEPARTMENT <i>General Engineering</i>	COURSE TITLE <i>Electrical Workshop I</i>
COURSE CODE <i>EP 206</i>	HOURS: 3 UNITS: 1	COURSE SPECIFICATIONS <i>Practical Contents</i>
<p>1. To Get Familiar with Safety Measures for Working on Low Voltage Installations:</p> <ul style="list-style-type: none"> ➤ Get familiar with safety measures to be considered for working on live and dead LV lines. ➤ Get familiar with safety measuring and testing LV instruments. ➤ Be familiar with isolating measures and isolating features used for working on LV lines. 		
<p>2. To Exercise Indoor Installations:</p> <ul style="list-style-type: none"> ➤ Practice different ways of LV cable connection and cable joints. ➤ Exercise installing Simple lamp-switch circuit, lamp-switch- socket outlet circuit. ➤ Exercise series and parallel installations, explain differences between them. ➤ Exercise installing gas lamps. ➤ Exercise installing stairs lamp with two switches- also with intermediate switch + two switches. ➤ Exercise installing fluorescent lamps, single, and multiple in series and in parallel. ➤ Exercise installing interphone circuit. 		
<p>References:</p> <p>1. Rules for Safety Measurements. Handbook of GEC – Libya.</p>		