

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