

## ASSESSMENT RUBRICS LAB # 8

### Mesh Current Analysis using PSPICE

LAB REPORT ASSESSMENT				
Criteria	Excellent	Average	Nil	Marks Obtained
<b>1. Objectives of Lab</b>	All objectives of lab are properly covered [Marks 0.5]	Objectives of lab are partially covered [Marks 0.25]	Objectives of lab are not shown [Marks 0]	
<b>2. Mesh Current Analysis (Theory, Circuit Diagram )</b>	Brief introduction about Mesh Current Analysis (what is Mesh current analysis, What are meshes, How to apply KVL equations in each mesh) is shown along with properly labeled circuit diagram [Marks 1]	Some of the points about Mesh Current Analysis are missing and circuit diagram is not properly labeled [Marks 0.5]	Introduction about Mesh Current Analysis and circuit diagram is not shown [Marks 0]	
<b>3. PSPICE Simulator</b>	Brief introduction of PSPICE simulator [Marks 1]	Brief introduction of PSPICE simulator Is not shown [Marks 0]		
<b>4. Procedure</b>	All experimental steps are shown in detail along with how to verify Mesh Current Analysis. [Marks 1.5]	Some of the experimental steps are missing [Marks 1]	Experimental steps are missing [Marks 0]	
<b>5. Observations &amp; Calculations</b>	Mathematical calculations are shown and comparison with PSPICE results. [Marks 5]	Mathematical calculations are shown but no comparison with PSPICE results [Marks 2.5]	No mathematical calculations are shown [Marks 0]	
<b>6. Conclusion</b>	Conclusion about experiment is shown [Marks 1]	Conclusion about experiment is partially shown [Marks 0.5]	Conclusion about experiment is not shown [Marks 0]	
<div style="text-align: right;">Total Marks Obtained: _____</div> <div style="text-align: right;">Instructor Signature: _____</div>				