

## ASSESSMENT RUBRICS LAB # 12

### Complex Circuit Analysis using MATLAB

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. Complex Circuit (Theory, Circuit Diagram )</b>	Brief introduction about Complex Circuit (How to apply KVL equations in each mesh) is shown along with properly labeled circuit diagram [Marks 2]	Some of the points about Mesh Current Analysis are missing and circuit diagram is not properly labeled [Marks 0.5]	Introduction about complex circuit and circuit diagram is not shown [Marks 0]	
<b>3. MATLAB</b>	Brief introduction of MATLAB [Marks 1]	Brief introduction of MATLAB Is not shown [Marks 0]		
<b>4. MATLAB code</b>	All experimental code of MATLAB is shown [Marks 3]	Some of the codes are missing [Marks 1.5]	Full codes are missing [Marks 0]	
<b>5. Comparisons of MATLAB and PSpice</b>	Results are verified [Marks 2.5]	Results are not verified [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>				