

Table 2: ECE 230L Laboratory 1 Grading Rubric

Criteria	Points Possible
<b>Internal Resistance of a Voltmeter</b>	<b>12</b>
Circuit Diagram	4
Actual measurements for $V_M$ , $V_S$ , and $R$	4
Equation and $R_M$ value	4
<b>Ideal vs. Practical DC Ammeter</b>	<b>12</b>
Circuit Diagram	4
Actual measurements for $V_M$ , $V_S$ , and $R$	4
Equation and $R_M$ value	4
<b>Measurements of Time-Dependent Sources</b>	<b>6</b>
Observed width of the waveform and its edges	3
Image of waveform	3
<b>Oscilloscope Probe Calibration</b>	<b>15</b>
Measurement of $\tau$	12
Evidence of Over-Compensated	1
Evidence of Well-Compensated	1
Evidence of Under-Compensated	1
<b>Question 1</b>	<b>12</b>
<b>Question 2</b>	<b>12</b>
<b>Question 3</b>	<b>12</b>
<b>Question 4</b>	<b>12</b>
<b>Extension</b>	<b>7</b>
<b>Total</b>	<b>100</b>