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EE 233 Lab 1: RC Circuits Laboratory Manual Page 6 of 11 4 Experimental Procedure and Data Analysis 4.1 The RC Response to a DC Input 4.1.1 Square Wave Input Analysis Build the circuit in Figure 4.1.1 and set the function generator to provide a square wave input as follows: a) The period  $T \geq 10 \tau$  (to ensure that  $V_C \gg 0$ ).

**EE 233 Circuit Theory Lab 1: RC Circuits**

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Chapter 12: Electronic Circuit Simulation and Layout Software - 117 - B. Circuit analysis We are now ready to analyze the ideal theoretical performance of our LM741 inverting amplifier circuit. All circuit analysis starts with the "analysis dialog" which you can access through the "analysis menu" shown below in figure 12.14.

**Chapter 12: Electronic Circuit Simulation and Layout Software**

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