

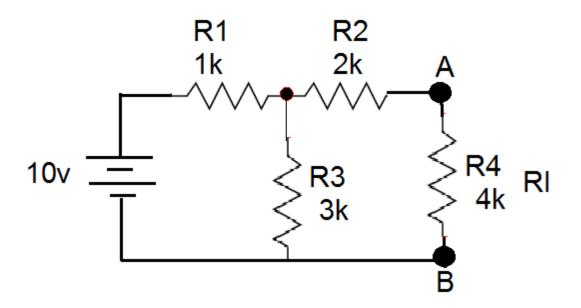
US DOL SPONSORED TAACCCT GRANT: TC23767 PRIMARY DEVELOPER: Jim Blair – Henry Ford College

# **Basic Electricity – Unit 18: Thevenin's Theorem**

Thevenin's Theorem Worksheet

ET 29 Construct and debug a series/parallel electrical circuit. Apply Thevenin's Theorem to simplify the circuit for analysis. Verify the results through practical substitution and measurement.

- 1. Find values using Thevenin's Method. Find  $V_{TH}$ ,  $R_{TH}$  and the load current flowing through and load voltage across the load resistor
- 2. Set up the circuit and measure.







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