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# Linear Circuits



*An introduction to electric circuit elements and a study of circuits containing such devices.*

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# Module 3

## Lab Demo:

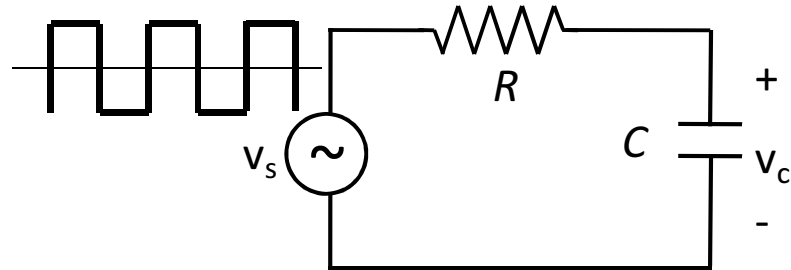
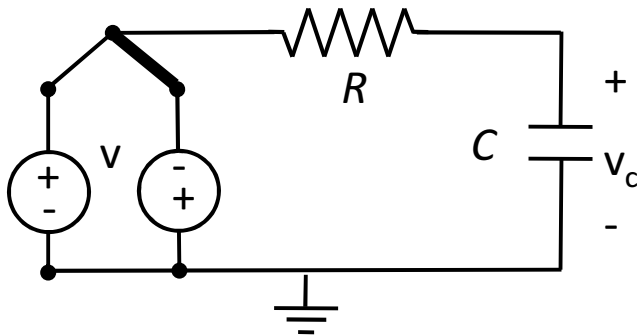
## RC Circuits

*Summary of Reactive Circuits Module*



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# RC Circuit



# Lab Demo: RC Circuits

# Summary

- ⦿ An oscilloscope is used to measure and record voltage signals versus time.
- ⦿ A function generator allows you to input voltage signals into a circuit
- ⦿ Inputting a square wave into a circuit allows you to capture RC circuit transient behavior and to measure the time constant

# Next Lesson

◎ RL Circuits