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## Basic Electricity – Unit 17: RLC Circuits

### Study Guide

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In order to successfully complete this unit, complete the following tasks.

1. Review the course structure.
2. Read *Series R, L, and C*, Chapter 5: Reactance and Impedance R L and C found at:  
<http://www.allaboutcircuits.com/textbook/alternating-current/chpt-5/series-r-l-and-c>
3. Read *Simple Series Resonance*, Chapter 6: Resonance found at:  
<http://www.allaboutcircuits.com/textbook/alternating-current/chpt-6/simple-series-resonance>
4. Read *Q and Bandwidth of a Resonant Circuit*, Chapter 6: Resonance found at:  
<http://www.allaboutcircuits.com/textbook/alternating-current/chpt-6/q-and-bandwidth-resonant-circuit/>
5. Watch <https://www.youtube.com/watch?v=3lalqWFeBI>  
**Title:** Simple AC RLC Parallel Circuit  
**Author:** 1005ENG
6. Read *Series-parallel R, L, and C*, Chapter 5: Reactance and Impedance found at:  
<http://www.allaboutcircuits.com/textbook/alternating-current/chpt-5/series-parallel-r-l-and-c/>





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