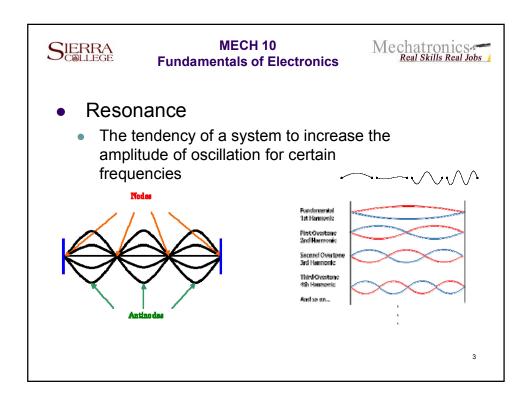
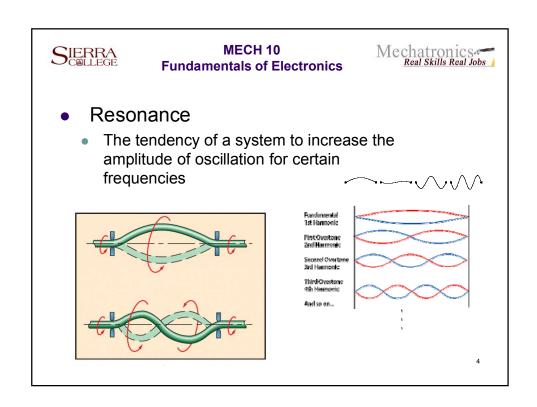
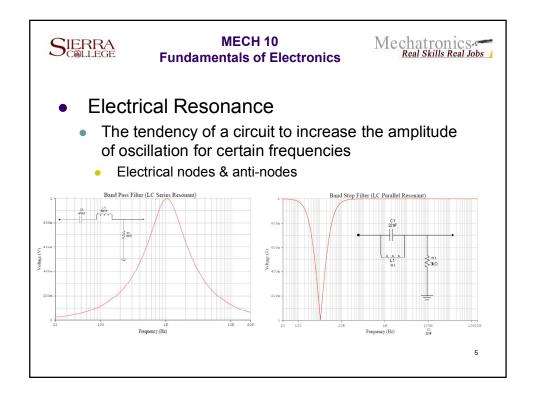
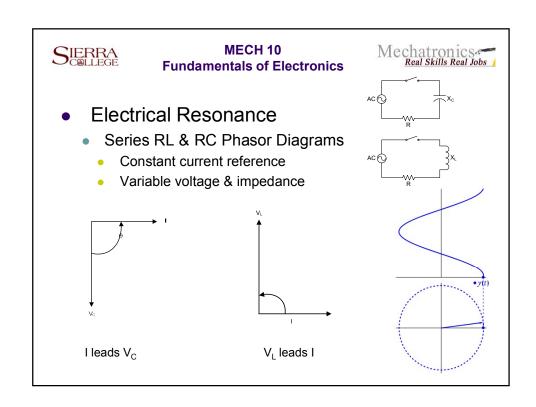


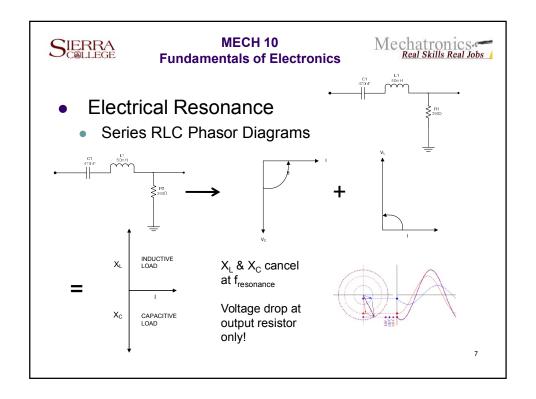
1

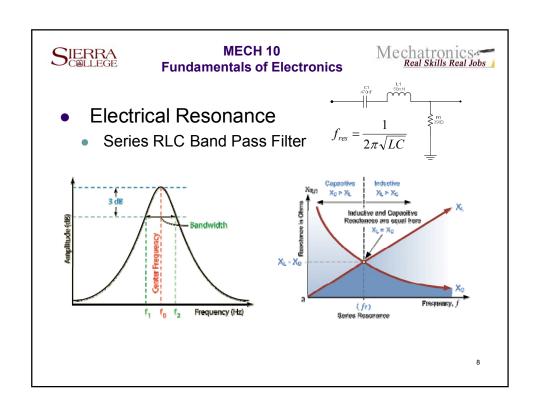


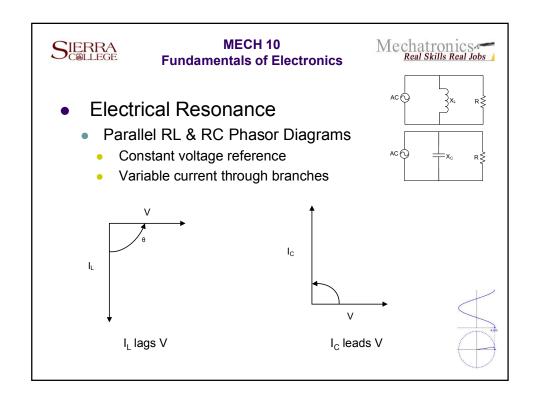


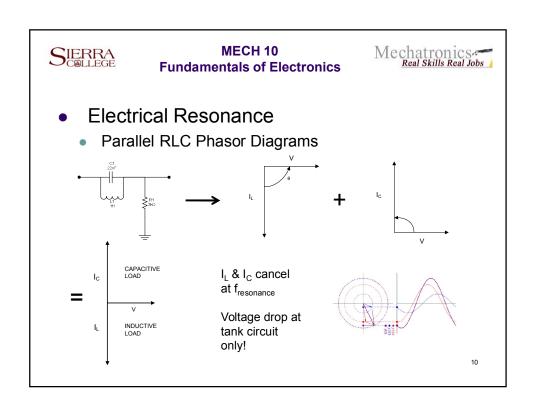


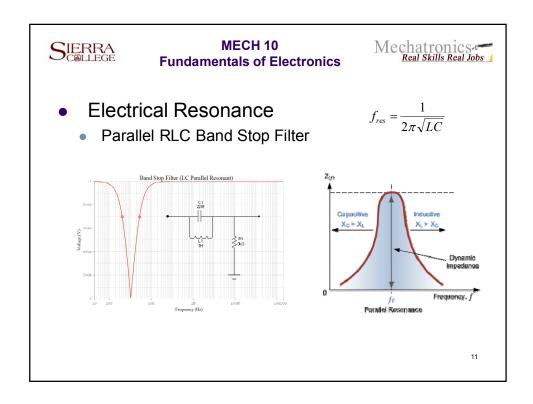














MECH 10 Fundamentals of Electronics



Lab 16 - Resonance

Learning Objectives

- Simulate and test circuits using circuit analysis software
 Create Bode plots of RLC frequency performance

		Points Possible
Documentation	Quality of documentation (neatness, clarity, spelling, grammar), Expected and measured values recorded on schematic diagram	10
Band Stop Filter	Bode plot reviewed & signed, bandwidth, X_L , X_C , f_{CO} , calculated and recorded in data table	10
Band Pass Filter	Bode plot reviewed & signed, bandwidth, X_L , X_C , f_{CO} , calculated and recorded in data table	10
Conclusions	Questions answered completely & accurately.	20
	Total	45

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