

Chapter 4

Electronic Basics #16: Resistors

<https://www.youtube.com/watch?v=7w5l-KbJ1Sg&list=PLAROrg3NQn7cyu01HpOv5BWo217XWBZu0&index=10>

Electronic Basics #14: Capacitors

<https://www.youtube.com/watch?v=otQGdPLYF3w>

Electronic Basics #12: Coils / Inductors (Part 1)

<https://www.youtube.com/watch?v=kdrP9WbJlb8&list=PLAROrg3NQn7cyu01HpOv5BWo217XWBZu0&index=14>

Electronic Basics #13: Coils / Inductors (Part 2) || Reactance

<https://www.youtube.com/watch?v=XCnI6ZOYKes&index=13&list=PLAROrg3NQn7cyu01HpOv5BWo217XWBZu0>

Chapter 5

capacitor charging and discharging (200v)

<https://www.youtube.com/watch?v=a1H987H90cQ>

Lab 3 - Transients - Part B (Capacitor and Resistor Circuit)

<https://www.youtube.com/watch?v=PtJZNvxHyvQ&t=15s>

Lab 3 - Transients - Part A (Oscilloscope, Function Generator)

<https://www.youtube.com/watch?v=mptoCJsblCc&t=4s>

RLC Circuit - Resonance (Part E)

<https://www.youtube.com/watch?v=JIRgfMADHbc>

TSP #3 - Camera Flash Circuit and Nixie Tube Tutorial (Part 1/3)

<https://www.youtube.com/watch?v=8YuDIhMMLaw>

TSP #3 - Camera Flash Circuit and Nixie Tube Tutorial (Part 2/3)

<https://www.youtube.com/watch?v=4qNt3RlscZg>

TSP #3 - Camera Flash Circuit and Nixie Tube Tutorial (Part 3/3)

<https://www.youtube.com/watch?v=RziYdY1ovsM>

How To Make Camera Flash Light

<https://www.youtube.com/watch?v=D3yF53HfFdQ>

Chapter 6

Fourier Series - Functions - Mathematics - Pre-university Calculus - TU Delft

https://www.youtube.com/watch?v=oY7xsx5-6_Y

Fourier Transform, Fourier Series, and frequency spectrum

<https://www.youtube.com/watch?v=r18Gi8lSkfM>

Transfer Functions in MATLAB

<https://www.youtube.com/watch?v=ThA7zhLX98A>

Additional link:

【願景工程—為青年尋路論壇】台灣年輕人如何找尋未來？

<https://www.youtube.com/watch?v=rnhkLvk7-2k>

白宮科技創新顧問 羅斯——《未來產業》

<https://www.youtube.com/watch?v=FTXPNxTiwSw>

白宮科技創新顧問羅斯 淺談台灣未來產業（遠見 2016 年 7 月號）

<https://www.youtube.com/watch?v=ouda66nO05c>

【產業大趨勢】工業 4.0 與生產自動化是未來趨勢

<https://www.youtube.com/watch?v=BpPuuLYrlzQ>

未來 10 大顛覆世界的科技

<https://www.youtube.com/watch?v=vC7BmTZ9Niw>

人類未來生活想像

<https://www.youtube.com/watch?v=vNyyv3Er4JE>