

**ECET 102/CPET 101 Electrical Circuits
Homework 4
Total 100 Points**

Assigned Date: Feb. 8, 2012

Due Date: Feb. 15, 2012, before 4:00PM

Hand-In Requirements:

1. Use Microsoft Words to prepare your homework
2. Copy all questions
3. Give detailed calculation to receive full credit
4. Submit your homework into Blackboard, or email it to both Mr. Sayed Hassan, Lab Instructor at hasssn01@ipfw.edu and Prof. Lin at lin@ipfw.edu

Chapter 4 Problems, pages 131-133, Total 65 points

- Questions 22, 24, 29, 33 (Power): 20 points
- Questions 37 – 10 points, 47 – 15 points (Energy): 25 points
- Questions 60, 61 (Efficiency), 20 points

Chapter 5 Problems, pages 176-178, Total 35 points

- Questions 2 a, 2d, 6a, 6b (Series Resistors): 20 points
- Question 9 (Series Circuits), 15 points