



Sirindhorn International Institute of Technology

Thammasat University

School of Information, Computer and Communication Technology

**Lecture Notes:  
ECS 203 Basic Electrical Engineering  
Semester 1/2010**

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<sup>†</sup>Special thanks to Dr.Warce Kongprawechanon and Dr.Somsak Kittipiyakul for earlier versions of the notes. Parts of the notes were compiled from C.K. Alexander and M.N.O. Sadiku, *Fundamentals of Electric Circuits*, 4th ed., McGraw-Hill, International Edition, 2009 and G. Rizzoni, *Principles and Applications of Electrical Engineering*, 5th ed., McGraw-Hill, International Edition, 2007

# Lecture Notes Ecs 203 Basic Electrical Engineering

**David Kirk**



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