



Sirindhorn International Institute of Technology
Thammasat University at Rangsit
School of Information, Computer and Communication Technology

ECS 371: Problem Set 1

Semester/Year: 1/2009
Course Title: Digital Circuits
Instructor: Dr. Prapun Suksumpong (prapun@siit.tu.ac.th)
Course Web Site: <http://www.siit.tu.ac.th/prapun/ecs371/>

Due date: June 24, 2009 (Thursday)

Please submit your homework to the instructor 3 minutes BEFORE your class starts.

Instructions

1. The questions are assigned from the following textbook:

Thomas L. Floyd, [*Digital Fundamentals*](#), 10th Edition, Pearson Education International (2009).
2. Only TWO of the problems will be graded. Of course, you do not know which problems will be selected; so you should work on all of them.
3. Late submission will not be accepted.
4. **Write down all the steps** that you have done to obtain your answers. You may not get full credit even when your answer is correct without showing how you get your answer.

Chapter 2

- 6, 9, 13, 19, 20, 22, 25, 28

Chapter 3

- 6, 8, 16, 20, 23