**Ve270 Introduction to Logic Design Homework 2**

**Assigned: September 20, 2018**

**Due: September 27, 2018, 4:00pm.**

**The homework should be submitted in hard copies.**

1. Prove DeMorgan’s Law. (5 points)
2. Problem 2.26. (10 points)
3. Problem 2.27. (5 points)
4. Problem 2.30. (5 points)
5. Problem 2.42 (5 points)
6. Problem 2.48 (b) (5 points)
7. Problem 2.52 (5 points)
8. Problem 2.54 (10 points)
9. Problem 6.3 (10 points)
10. Problem 6.5, using both algebraic methods and K-map. (10 points)
11. Problem 6.7. (10 points)
12. Problem 6.10 (a) (10 points)
13. Problem 6.14 (10 points)