Assignment 3—Chapters 4-7
CptS 425/580—Network Security
Assigned: 31 January 2007
Due: 7 February 2007, 4:15pm

Explain and/or justify all of your answers. Short answers are sufficient, but one-word (e.g., ‘yes’, ‘no’) answers will not receive full credit. State any assumptions that you make. Turn in a printout of your assignment and also email an electronic copy to the instructor.

Chapter 4
Answer the following questions from the Exercises (pgs 59-60).
15 Pts  Question 4.3
15 Pts  Question 4.4

Chapter 5
15 Pts  What is (are) the primary goal(s) of all “Confidentiality Policies”?
10 Pts  Write a Confidentiality Policy that could be applied to this course.
15 Pts  Answer Question 5.2 from the Exercises (pg. 71)

Chapter 6
15 Pts  What is (are) the primary goal(s) of all “Integrity Policies”?
15 Pts  List and define three principles that guide the operation of most/all integrity policies.
10 Pts  Write an Integrity Policy that could be applied to this course.

Chapter 7
10 Pts  What are “Hybrid Policies” and why are they needed?
15 Pts  What are RBAC policies?
10 Pts  Write an ORCON policy that could be applied to this course.