Assignment 3—Chapters 4-7
CptS 425/580—Network Security
Assigned: 22/24 September 2005
Due: 29 Sept. 2005, 5:45pm

Explain and/or justify all of your answers. Short answers are sufficient, but ‘Yes’/’No’-type answers will not receive full credit. If you make any assumptions, please state them.

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.