

ITNW 4502/CSCI 5502: Secure Network and Communications Protocols

Course Project (100 Points)

Abstract Due: October 18th, 2024

Report Due: November 25th, 2024

Project Topic: Chapter 12 – Securing TCP/IP Environments

Please note that it is an individual project – no group work is permitted for this project. Same project is assigned for the entire class. Therefore, teamwork and copy/paste from others are prohibited. Any attempt to violate this rule may result in grades ranging from 0 points for the project to failing grade for the course.

ABSTRACT (10 points)

Please review chapter 12 from the textbook about securing TCP/IP environments. Pickup at least three topics from the chapter that you would like to investigate in detail. Write a one-page abstract about the topics you would like to investigate in depth where you explain your project plan. Submit the abstract on D2L by the due date.

FINAL PROJECT REPORT INCLUDING ABSTRACT (90 points)

Complete the project report by expanding on the abstract. You may include the following in your final report:

Required Components:

1. Literature review of chosen topics.
2. Current research issues for the chosen topic, if known.
3. Any references/citations used for the explanation.
4. At least three youtube videos watched about the chosen topics.
5. Examples and/or simulation/animation with results for the chosen topic, if available.

Additional Required Components from Chapter 12:

1. Answers to ALL review questions at the end of chapter 12.
2. ITNW 4502: At least three of the six hands on projects (12-1 to 12-6) from end of chapter 12.
CSCI 5502: All of the six hands on projects (12-1 to 12-6) from end of chapter 12.