



CYENG 312: Trusted Operating System (OS) – Fall 2022: Assignment 2

Instructor: Dr. Shayan (Sean) Taheri

Note – Cheating and Plagiarism: Cheating and plagiarism are not permitted in any form and cause certain penalties. The instructor reserves the right to fail culprits.

Deliverable: All your responses to the assignment questions should be included in a single compressed file to be uploaded in the Gannon University (GU) – Blackboard Learn environment.

Question. Write an executable program in the C/C++ programming language for each of the following items with your own flexible computations to demonstrate its operation and output:

- [Round-Robin Scheduling](#)
- [Buffer Overflow Attack](#)
- [Hash-Based Message Authentication Code](#)
- [Secure Hash Algorithms](#)