



GRIFFITH COLLEGE

Course	MSCC
Module title	Information Security
Tutorial No.	3
Minimum Word Count	n/a
Issue Date	22/04/2025
Due Date	01/05/2025 @ 9.00 am
	Late submissions <ul style="list-style-type: none">• possible up to 04.05.2025 @ 9am• penalised at a rate of 10% per day (or part thereof)

Important: Please Read

Tutorials are an important aid to learning.

All content should be your own work, copying and pasting content (*or AI generated content*) is NOT PERMITTED, and you will not receive a grade if you do so.

For problem-based questions, you must include all workings (step-by-step) in your solution.

Tutorial submissions should be:

1. Well written
2. Properly structured
3. Use citations and references where appropriate
4. Include a cover page and a cover sheet
5. YOUR OWN WORK!
6. **ALL WORK WILL BE CHECKED FOR PLAGIARISM!**

Tutorial 3 Questions

Q1	List the five services offered by PGP
Q2	Explain how hashing is used in digital signatures, supported by a labeled diagram to illustrate the process.
Q3	Using a labeled diagram, explain how a Message Authentication Code (MAC) is used to ensure message authentication in communication systems
Q4	List and briefly describe ten desirable properties of a secure cryptographic hash function.