

Competency	Skill	Skill Level	Evidence
Security	Buffer overflow errors	Aware	Unit 3 coding activity.
	Cross-site scripting	Aware	Unit 1 artifact/discussion. Unit 3 coding activity demonstrated buffer-overflow vulnerability in C.
	Understanding specific security risks of different programming languages.	Aware	Unit 3 team activity.
	Manging people for security	Proficient	Unit 2 artifact/blog post.
	Encryption	Aware	Unit 8 artifact on TrueCrypt. Used Werkzeug to generate hashes in the team project.
	Impact of different Software Development Lifecycle approaches on	Aware	Section within e-portfolio main page
	GDPR	Expert	Took the lead on this for the group project. Have significant data protection responsibilities in my job role.
Testing	Linting	Proficient	Unit 5/6 artifact. Being the designated team member responsible for linting in the project. Using Pylint, Flake8 and Safety during to achieve this. Used Pylint's automated refractoring tools to assist.
	Whitebox testing	Aware	Meeting notes.
	Blackbox testing	Trained	Developed a blackbox testing plan for the team during the group project.
APIs	APIs	Trained	Unit 9 artifact / use within assignment.
Operating systems	Command Line Interfaces (CLIs)	Trained	For the unit 7 created a CLI in python. Was responsible for some of the CLI functionality in the team project.
	Micro versus monolith kernals	Aware	Unit 11 artificat discussing the Tanenbaum-Torvalds debate

*Aware: general understanding and basic knowledge*

*Trained: able to apply knowledge, able to work independently under certain conditions*

*Proficient: broad and in-depth knowledge, able to work independently with very little supervision*

*Expert: seen as a subject matter expert, able to lead and train others.*