AQF LEVEL	AQF LEVEL 8 CRITERIA – GRADUATE CERTIFICATE	PROGRAM LEARNING OUTCOMES
PURPOSE	The Graduate Certificate qualifies individuals who apply a body of knowledge in a range of contexts to undertake professional/highly skilled work and as a pathway for further learning.	
KNOWLEDGE	Graduates of a Graduate Certificate will have specialised knowledge within a systematic and coherent body of knowledge that may include the acquisition and application of knowledge and skills in a new or existing discipline or professional area	Graduates of the Graduate Certificate in Data Analytics and Cyber Security will have a specialised body of knowledge in the field of cyber security in relation to cyber security risks, threats and mitigation techniques. Graduates will also have specialised in the data analytics body of knowledge and be able to collect and visualize data, interpret models and identify patterns in data to solve complex data related problems.
SKILLS	Graduates of a Graduate Certificate will have: • cognitive skills to review, analyse, consolidate and synthesise knowledge and identify and provide solutions to complex problems • cognitive skills to think critically and to generate and evaluate complex ideas • specialised technical and creative skills in a field of highly skilled and/or professional practice • communication skills to demonstrate an understanding of theoretical concepts • communication skills to transfer complex knowledge and ideas to a variety of audiences	Graduates of the Graduate Certificate in Data Analytics and Cyber Security will have: • cognitive and technical skills to critically analyse cyber security threats, review organisational cyber security risks and architectural needs, and identify solutions to mitigate these risks • cognitive and technical skills to critically analyse data sources and inferences made from data analytics models and methodologies • specialised technical and creative skills to research and evaluate data analytics and cyber security systems, processes and solutions • communication skills to demonstrate an understanding of theoretical data analytics and cyber security concepts • communication skills to present complex data analytics and cyber security knowledge and ideas to a variety of audiences

APPLICATION OF KNOWLEDGE & SKILLS	Graduates of a Graduate Certificate will demonstrate the application of knowledge and skills: • to make high level, independent judgements in a range of technical or management functions in varied specialised contexts • to initiate, plan, implement and evaluate broad functions within varied specialised technical and/or creative contexts • with responsibility and accountability for personal outputs and all aspects of the work or function of others within broad parameters	Graduates of the Graduate Certificate in Data Analytics and Cyber Security will demonstrate the application of knowledge and skills: • to assess current and future trends in cyber security risks and threats and implement and evaluate approaches to mitigate these risks in a responsible and accountable manner within an organizational context. • to be able to assess data sources and data sets and be able to follow the data science process to develop data visualisations that lead to actionable insights for organisations.