

Specification of Competency Standards
for the Information & Communications Technology Industry
Unit of Competency

Functional Area - Operational Management

Title	Analyse the technical requirements of setting up a streaming framework
Code	111116L4
Range	This UoC involves identifying and evaluating the streaming solutions best suited for the organisation's online streaming requirements
Level	4
Credit	3 (For Reference Only)
Competency	<p>Performance Requirements</p> <p>1. Have knowledge in subject area</p> <ul style="list-style-type: none"> • understand the hardware and software needed for streaming • aware of the different available tools and options for streaming • understand the organisation's needs, requirements and limitations • aware of the industry benchmarks and standard practices <p>2. Analyse the technical requirements for streaming</p> <ul style="list-style-type: none"> • quantify the organisation's requirements into technical requirements • identify potential issues that might face during streaming, such as: <ul style="list-style-type: none"> ○ Audio-to-video synchronization ○ Hardware resources of equipment ○ Network latency ○ Video aspect ratio and resolution ○ Video compression standard • provide solutions or contingency plans for the issues identified • estimate the manpower needed to fulfil the organisation's requirements • suggest streaming solution best suited the organisation's streaming needs <p>3. Exhibit professionalism</p> <ul style="list-style-type: none"> • stay up to date with the new developments related to the media streaming industry • comply with the organisation's guidelines and procedures as well as any (local and international) laws and regulatory requirements, if applicable
Assessment Criteria	The integrated outcome requirements of this UoC is the ability to suggest streaming solution best suited the organisation's streaming needs
Remark	