Unit 19 assignment 1 feedback

Overall grade awarded: Fail

The reference list does not align with the content of the submission, and several sources included are not clearly relevant to the material discussed. In addition, the explanations provided in the report do not demonstrate your own understanding of the topic.

For this work to be assessed, the content must be written in your own words and clearly reflect your understanding of the concepts you are discussing. You should review the assignment requirements, ensure that all references directly support the content of the report, and rewrite the submission to accurately represent your own learning.

Unit/Criteria Reference	To achieve the criteria you must show that you are able to:
A.D1	Evaluate different network models and their suitability to meet different client requirements.
A.M1	Analyse the functions of different network components required to construct different network types.
A.P1	Explain the need for different computer network types and models.
A.P2	Explain the characteristics and functions of network components.

Explain - Learners' work shows clear details and gives reasons and/or evidence to support an opinion, view or argument. It could show how conclusions are drawn.

Analyse - Learners present the outcome of methodical and detailed examination either:
• breaking down a theme, topic or situation in order to interpret and study the interrelationships between the parts and/or
• of information or data to interpret and study key trends and interrelationships.

Evaluate - Learners draw on varied information, themes or concepts to consider aspects such as:
• strengths or weaknesses
• advantages or disadvantages
• alternative actions
• relevance or significance.
Learners' enquiries should lead to a supported judgement showing relationship to its context. This will often be in a conclusion.

Further information for teachers and assessors
Resource requirements
For this unit, learners must have access to:
• a physical or virtualised networking environment that provides the necessary hardware and software required to build and test computer networks safely
• computer systems, switches, routers, wireless access points, cabling, and operating systems for clients and servers
• online resources for research and development.
Essential information for assessment decisions
Learning aim A
The evidence should cover network hardware and software, including protocols and how they are used to construct a variety of networks types and models.
For distinction standard, learners will provide a clear and balanced evaluation of the different network models, including peer-to-peer, client/server and thin client. They must consider a wide range of aspects, including ease of use, ease of set-up, performance and suitability for different types of applications. The evidence will provide reasoned examples of the suitability of the different models to different networking applications, and clearly explain each model's benefits and drawbacks. The evidence will demonstrate high-quality written or oral communication through use of accurate and fluent technical vocabulary to support a well-structured and considered response that clearly connects chains of reasoning.
For merit standard, learners will provide a thorough analysis of the key functions of networking hardware and software components, including those used in LAN, WAN and wireless networks.

Learners will demonstrate accurate understanding of the importance of the use of protocols and standards to connect various types of computer networks as outlined in the content. They will provide appropriate examples and illustrations to demonstrate their understanding of the complex issue of how data gets transferred within and between computer networks. The evidence will be technically accurate and demonstrate good-quality written or oral communication.

For pass standard, learners will provide detailed explanations of why different types and models of computer networks are needed and how that impacts on the choice of the network type and model used. They will explain how networks are continually evolving and taking different shapes and forms, from LAN, WAN, intranet, extranet and internet to cloud computing. Learners must also explain the general characteristics and functions of the network hardware and software components used to build and connect computer networks as covered in the unit content. The evidence may have some inaccuracies and make limited use of examples as illustrations.