1	T' (1	Defended in the second of the second se					
1.	Intle Contra	Perform design that can be integrated or connected with local operator's network					
3.	Range	ITCSNO516A One of the most challenging tasks of network designers is to design networks that can be seamlessly integrated with other operator's network equipment or functions such as: mobile terminals, access routers, access network nodes and service provisioning platforms, billings, etc. This UoC concerns designing network coverage that can be integrated or connected with local operator's network (inter-network). Network in this context could be data and/or voice (VOIP), wireline or mobile network					
4	Level	5					
5	Credit						
<i>5</i> .	Competency	Performance Requirement					
0.	Competency	 6.1 Possess the knowledge in the subject area Extensively knowledgeable of the organisation's business plan, interoperating challenges, services requirements and legal matters Possess extensive knowledge of various standard network technologies for wired-line and mobile network such as ATM, GSM, LTE, NGN, etc. Extensively knowledgeable of and can exploit the advantages of open platform standards and virtualisation Possess extensive experience in IP and MPLS network infrastructure planning, deployment, integration, etc. Possess extensive knowledge of network design methodologies and objectives such as "dynamic network growth from market based driven", network virtualisation provisioning, inter domain/operator resource management Possess extensive experience with various inter-operator's architecture functionalities such as seamless mobile users, roaming, terminals, and services between administrative domains, etc. Perform design Be able to: 					
		 6.3 Exhibit professionalism 6.4 Exhibit professionalism 6.3 Exhibit professionalism 6.4 Exhibit professionalism 6.3 Exhibit professionalism 6.4 Exhibit professionalism 6.5 Exhibit professionalism 6.5 Exhibit professionalism 6.6 Exhibit professionalism 6 Exhibit professionalism<!--</td-->					

Eunstianal Areas	Notwork	Infractoriation	P- 0	nonation	Dlanning	P. Decian)
runcuonal Area:	Network	mirastructure	$\alpha \mathbf{U}$	peration	Flammig	& Design)

7.	Assessment Criteria	 The integrated outcome requirements of this UoC are the abilities to: i. work with colleagues to determine the inter-network requirements ii. work with fellow operators to determine network interface and administrative needs iii. use simulation tools to understand interconnection or services issues to reduce any risks iv. formulate suitable designs to interconnect with other operators networks and functions that fit the business needs of the interconnected networks v. Present the design to stakeholders effectively with recommendation and seek
		v. Present the design to stakeholders effectively with recommendation and seek approval
Rei	mark	