

OJT LIST OF COMPETENCIES

Course Title: Work-Study Diploma in Cloud Management & Operations – Cloud Operations specialisation

Note:

- From the given OJT List of Competencies (Standard), a company must identify at **least 75% of the competencies** that it can provide for training.
- If Company cannot provide at least 75% of the OJT List of Competencies (Standard), it can top up 25% (maximum) of company-specific competencies to form the Agreed OJT List of Competencies. Approval must be obtained from ITE before the company-specific competencies could be implemented.
- Trainees must be trained and assessed in 100% of the Agreed List of Competencies.
- To qualify for a pass in the OJT module, trainees must successfully complete (i.e. attain a minimum score of '2') in at least 75% of the Agreed OJT List of Competencies, as well as attain an overall score of at least 50% for the OJT module.

S/N	List of Competencies (Standard)	Company to indicate '✓' it is able to provide
1.	Manage operating system	
2.	Set up operating system services	
3.	Provide operating system maintenance	
4.	Implement basic network infrastructure	
5.	Configure network	
6.	Provide network maintenance	
7.	Set up virtualisation environment	
8.	Deploy virtual machine	
9.	Manage resource utilisation	
10.	Set up virtual machine	
11.	Set up cloud service	
12.	Manage cloud service	
13.	Develop program for infrastructure operation	
14.	Build automation frameworks to manage infrastructure operation	
15.	Perform script maintenance	
16.	Develop Application	
17.	Deliver Application	
18.	Manage Application Deployment	
19.	Manage Infrastructure	
20.	Deploy new modules, upgrades and fixes	
21.	Manage Configuration Deployment	
22.	Perform Threat Assessment	
23.	Perform Security Vulnerability Testing	
24.	Set Up Security Monitoring and Protection	
	Total No. of Competencies (Standard) that Company can provide	
S/N	Company-Specific Competencies	

S/N	List of Competencies (Standard)	Company to indicate '✓' it is able to provide
1.		
2.		
3.		
4.		
5.		
	Total No. of Company-Specific Competencies Proposed	

Note: Competencies proposed by company must be endorsed by ITE.

STANDARD OJT LIST OF COMPETENCIES

Course Title: Work-Study Diploma in Cloud Management & Operations – Infrastructure Support specialisation

S/N	List of Competencies (Standard)	Company to indicate '✓' it is able to provide
1.	Manage operating system	
2.	Set up operating system services	
3.	Provide operating system maintenance	
4.	Implement basic network infrastructure	
5.	Configure network	
6.	Provide network maintenance	
7.	Set up virtualisation environment	
8.	Deploy virtual machine	
9.	Manage resource utilisation	
10.	Set up virtual machine	
11.	Set up cloud service	
12.	Manage cloud service	
13.	Install desktop software	
14.	Perform software hardening	
15.	Perform post installation testing	
16.	Perform mobile computing devices OS management	
17.	Perform mobile computing devices support and maintenance	
18.	Perform basic mobile computing devices security hardening	
19.	Perform service level management	
20.	Perform IT asset management	
21.	Perform change management	
22.	Perform incident logging	
23.	Perform incident classification for diagnosis	
24.	Perform problem resolution and reporting	
	Total No. of Competencies (Standard) that Company can provide	
S/N	Company-Specific Competencies	
6.		
7.		
8.		
9.		
10.		
	Total No. of Company-Specific Competencies Proposed	

Note: Competencies proposed by company must be endorsed by ITE.