

CORE OBJECTIVES (INF)

1.0 Information Engineering Fundamental	Code	ES initials and Date of Assessment			
		G	K	E	C
<p>1.1 Have a good appreciation of software ethics and Codes of Practice</p> <ul style="list-style-type: none"> - Copyright - Data privacy - Data protection and security - Hong Kong Legislation on Intellectual Property 	K				
<p>1.2 Acquire Basic Information Engineering skills and knowledge</p> <ul style="list-style-type: none"> - Basic Software skills - Basic Network skills - Basic Electronic skills - Basic Logic training 	K				
<p>1.3 Gain practical experience in identification and evaluation of End-user requirement</p> <ul style="list-style-type: none"> - Formulating user requirements - Acceptable criteria - Testing and evaluation - Change requirement handling - User Manual 	*C/E				
<p><i>* As appropriate to the company</i></p>					

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2.0 Implementation Process	Code	ES initials and Date of Assessment			
		G	K	E	C
<p>2.2.2 Have a good working understanding of Network Management</p> <ul style="list-style-type: none"> - Resources sharing - Traffic management - Congestion control 	E				
<p>2.2.3 Be able to plan and schedule network procurement and expansion</p>	C				
<p>2.2.4 Have a good working understanding of Network Security</p>	E				
<p>2.3 Software Development and maintenance:</p>					
<p>2.3.1 Be familiar with the existing standards in software programming, documentation, development environment and degree of formality in design specifications</p>	E				
<p>2.3.2 Gain practical experience in trouble report and change request procedures</p>	E				
<p>2.3.3 Be familiar with the telecommunications system including basic operation principles, future evolution and relevant marketing and regulatory issues</p>	C				
<p>2.3.4 Have a good working experience in System Management</p> <ul style="list-style-type: none"> - Networking - Operating system - Database package - Processor Hardware 	E				
<p>2.3.5 Through working experience to familiar with system diagnostics and trouble shooting techniques, testing procedures for functionality, diagnostic tools and debugging approaches</p>	C				

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<p>2.3.6 Be able to perform Data collection for evaluation of performance, feedback and design improvement</p>	C				
<p>2.4 Information Infrastructure Design</p>					
<p>2.4.1 Gained practical experience in technically orientated design involving Requirement Analysis, Architectural Design, Detailed Design and System Commissioning</p>	C				
<p>2.4.2 Participated in procedures design for Acceptance Test Planning, Unit Testing and Integration Testing</p>	C				
<p>2.4.3 Gain practical experience in maintenance measures to aid in the efficient operation of the system parameters</p>	C				

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3.0 Project Administration and Management	Code	ES initials and Date of Assessment			
		G	K	E	C
<p>3.1 Be able to plan and monitor scheduled activities involved in projects</p> <ul style="list-style-type: none"> - Personnel administration - Budgeting - Documentation 	C				
<p>3.2 Be able to measure the progress against the schedule and make necessary amendment to the original schedule as required</p>	C				
<p>3.3 Be able to establish relevance to engineering discipline, within the context of marketing, customer interface and after sales support/ maintenance</p>	C				