

Competency Standards for National Skill Certificate –5 in Hacking Forensic Investigation in ICT Sector

Course Structure

SL	Unit Code and Title		UoC Level	Nominal Duration (Hours)
The Generic Competencies				
The Sector Specific Competencies				
The Occupation Specific Competencies				
1	OUCyS001L5V1	Interpret Information Security Concepts	5	20
2	OUCyS002L5V1	Apply Operating Systems Administration Concepts	5	25
3	OUCyS012L5V1	Apply Network security Assessment	5	40
4	OUCyS005L5V1	Apply Mobile Application Security	5	40
5	OUCyS011L5V1	Apply Identity & access management	5	15
6	OUCyS003L5V1	Analyze malicious code	5	30
7	OUCyS017L5V1	Perform Digital Forensic	5	60
8	OUCyS018L5V1	Apply Threat hunting concepts	5	50
9	OUCyS019L5V1	Apply Social Engineering	5	15
10	OUCyS0023L5V1	Interpret IT Security Auditing	5	30
Total Nominal Learning Hours				325

The Occupation Specific Competencies

Code	Unit of Competency	Elements of Competency	Duration (Hours)
OUCyS001L5V1	Interpret Information Security Concepts	<ol style="list-style-type: none"> 1. Interpret Information Security System 2. Interpret Hacking Techniques 3. Identify types of Attacks 4. Categorize Security Threats & Control 5. Interpret Cyber Law 	20
OUCyS002L5V1	Apply Operating Systems Administration Concepts	<ol style="list-style-type: none"> 1. Install Virtual machine 2. Install OS 3. Perform Hacking using hacking tool 	25
OUCyS012L5V1	Apply Network security Assessment	<ol style="list-style-type: none"> 1. Interpret Network security concepts. 2. Implement Network Security 3. Assess Network security 	40
OUCyS005L5V1	Apply Mobile Application Security	<ol style="list-style-type: none"> 1. Interpret Mobile Application Security 2. Perform Mobile application penetration testing 3. Perform web application countermeasures 	40
OUCyS011L5V1	Apply Identity & access management	<ol style="list-style-type: none"> 1. Interpret identity & access probation life cycle 2. Apply access control management Identification and Authentication devices 	15
OUCyS003L5V1	Analyze malicious code	<ol style="list-style-type: none"> 1. Install Virtual machine 2. Install OS 3. Perform Hacking using hacking tool 	30
OUCyS017L5V1	Perform Digital Forensic	<ol style="list-style-type: none"> 1. Perform OS forensics 2. Perform Mobile Forensics 3. Perform Graphics Forensics 4. Perform Cloud Forensics 5. Perform E-mail Forensics 	60
OUCyS018L5V1	Apply Threat hunting concepts	<ol style="list-style-type: none"> 1. Identify Cyber Threat Hunting and articulate its value to an organization 2. Interpret Cyber threat hunting methodologies and techniques 3. Analyze Cyber Threat hunting 4. Follow Incident Response and Incident Handling 	50
OUCyS019L5V1	Apply Social Engineering	<ol style="list-style-type: none"> 1. Interpret the social engineering concepts 2. Identify the social engineering threats 3. Identify Social engineering tools 4. Analyze the social engineering attacks 	15
OUCyS0023L5V1	Interpret IT Security Auditing	<ol style="list-style-type: none"> 1. Interpret IT Security Audit 2. Interpret Auditing Information System 3. Use of Information Systems Operations Maintenance and Service Management 	30

		<ol style="list-style-type: none">4. Interpreted Information Systems Acquisition, Development and Implementation5. Interpret the protection of information assets6. Apply the Governance and Management of IT audit	
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