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Media, Information and Communication Technologies
Sector Education and Training Authority

Accelerating quality skills towards an information savvy society

Welcome

MICT SETA Vendor Specific Programmes

Workshop

6 August 2015

Agenda

TIME	DESCRIPTION	PRESENTER
08:45 – 09:30	Arrivals and Registration	All
09:30 – 09:35	Opening and Welcome (Expectations)	Jabu Sibeko
09:35 – 09:40	Purpose of the Workshop	Ernest Nemugavhini
09:40 – 10:00	SSP	Tumelo Ngwako
10:00 – 10:20	ETQA	Athalia Maabane & Buyisiwe Gumede
10:20 – 11:00	LPD	Ernest Nemugavhini
11:00 – 11:20 TEA BREAK		
11:20 – 13:00	Group Discussion <ul style="list-style-type: none">• Lessons learnt• Best implementation practice• Challenges and possible solutions	Lead Employers and Training Providers
13:00 – 14:00 LUNCH		
14:00 – 15:00	Report back and Way forward	Groups
15:00 – 15:10	Closure	Jabu Sibeko



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Scarce Skills

- The compilation of a Pivotal Scarce Skills list follows a process that involves:
 - Analysis of Workplace Skills Plans (WSPs)
 - Validation through Focus Groups with Stakeholders
 - Interviews conducted with a number of key Stakeholders, including industry bodies, government stakeholders, sector training bodies, employer bodies and other key informants
- In estimating Scarce Skills for the sector a model was developed taking into account the number of WSPs submitted per sub-sector. In addition the model was weighted on the size of employers
- In compiling the top Scarce Skills, the following were considered:
 - Developments in the sector, emerging trends as well as future skills needs
 - Number of times an occupation is identified as scarce in the WSP submission
 - Occupations identified as scarce skills per sub-sector during interviews
 - Reasons for scarcity given during the survey.



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Top 10 IT Scarce Skills

OFO Code	Occupation
351301	Computer Network Technician
351101	Computer Operator
251203	Developer Programmer
133101	Chief Information Officer
672204	Telecommunications Line Mechanic
251101	ICT Systems Analyst
243402	ICT Business Development Manager
122101	Sales and Marketing Manager
352201	Telecommunications Technical Officer / Technologist
242101	Management Consultant



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Top 10 Scarce Skills - Sector

Occupation Code	Occupation	Quantity Needed
243101	Advertising Specialist	184
351301	Computer Network Technician	1 126
251101	ICT Systems Analyst	1 141
251203	Developer Programmer	1 241
252301	Computer Network and Systems Engineer	1 255
251201	Software Developer	1 279
265401	Director (Film, Television, Radio or Stage)	1 432
352201	Telecommunications Technical Officer or Technologist	1 513
251301	Multimedia Specialist	2 865
216603	Multimedia Designer	3 108



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MoU with Microsoft



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Background

- Microsoft has identified all Microsoft Courses that will be mapped to the MICT SETA qualifications
- MICT SETA has gone through the mapping documents submitted by Microsoft and is satisfied with the mapping process as discussed in the documents
- Specific Outcomes/Assessment Criteria (as required by Unit Standard) will be covered by the Microsoft Exam, in instances where it is not, the provider must see to it that the learner provides additional evidence of competence (from the workplace), for those particular outstanding outcomes. The additional evidence of competency will have to be verified by the MICT SETA verifier.



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Responsibilities of the Training Provider

- Participating providers have a responsibility of uploading learner achievements to the MICT SETA management system. These learners will form part of NLRD should they be deemed competent
- Moderator reports, together with learner achievements (Microsoft Exam Score Reports) should be sent to the MICT SETA. The MICT SETA will then upload the achievements onto the system. This will enable learners to accumulate credits towards registered NQF qualifications
- It shall remain the responsibility of the provider to explain the mapping of Microsoft Courses to Registered Unit Standards to the learners.



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MS Mapping

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Code	Description	Microsoft MCP Exams	Microsoft MTA Exams	Unit Standards
SP-MOS	MOS Skills Development Programs MS Word	77-881 or 77-418	NA	117924 119078 116942
SP-MOS	MOS Skills Development Programs MS Excel	77-882 or 77-420	NA	116937 116943 116940
SP-MOS	MOS Skills Development Programs MS PowerPoint	77-883 or 77-422	NA	117923 116930
SP-MOS	MOS Skills Development Programs MS Outlook	77-885 or 77-423	NA	116935 116945
SP-MOS	MOS Skills Development Programs MS Access	77-884 or 77-424	NA	116936 117927 116926 117927
SP-ASI	MCSE Server Infrastructure Advanced Server Infrastructure Exchange Server Sharepoint	70-413 70-414 70-462 70-466 70-467 70-461 70-463 70-341 70-342 70-331 70-332	NA	114052 114056



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Code	Description	Microsoft MCP Exams	Microsoft MTA Exams	Unit Standards
SP-CNOS	Client Network Operating System	70-687	98-349	114057 114058
SP-CAF	Computer Architecture Fundamentals	CompTIA	NA	114062 114063
SP-NAF	Network Architecture Fundamentals	CompTIA	98-366	114046 114060 114061 114072 114075 114074
SP-SNOS	MCSA (Windows Server 2012) Server Network Operating System Lync Server 2013	70-410 70-411 70-412 70-246 70-247 70-336 70-337	98-365 98-367	114043 114045 114053 114054 114066 114073 114183
SP-MCSE	MCSA - Windows 8 Enterprise Devices & Apps	70-687 70-695 70-696 70-415 70-416B	NA	114047 114058 114183
SP-MCDS	MCDS - C#	70-483	NA	115359 115358 115373 115367 115363 115362



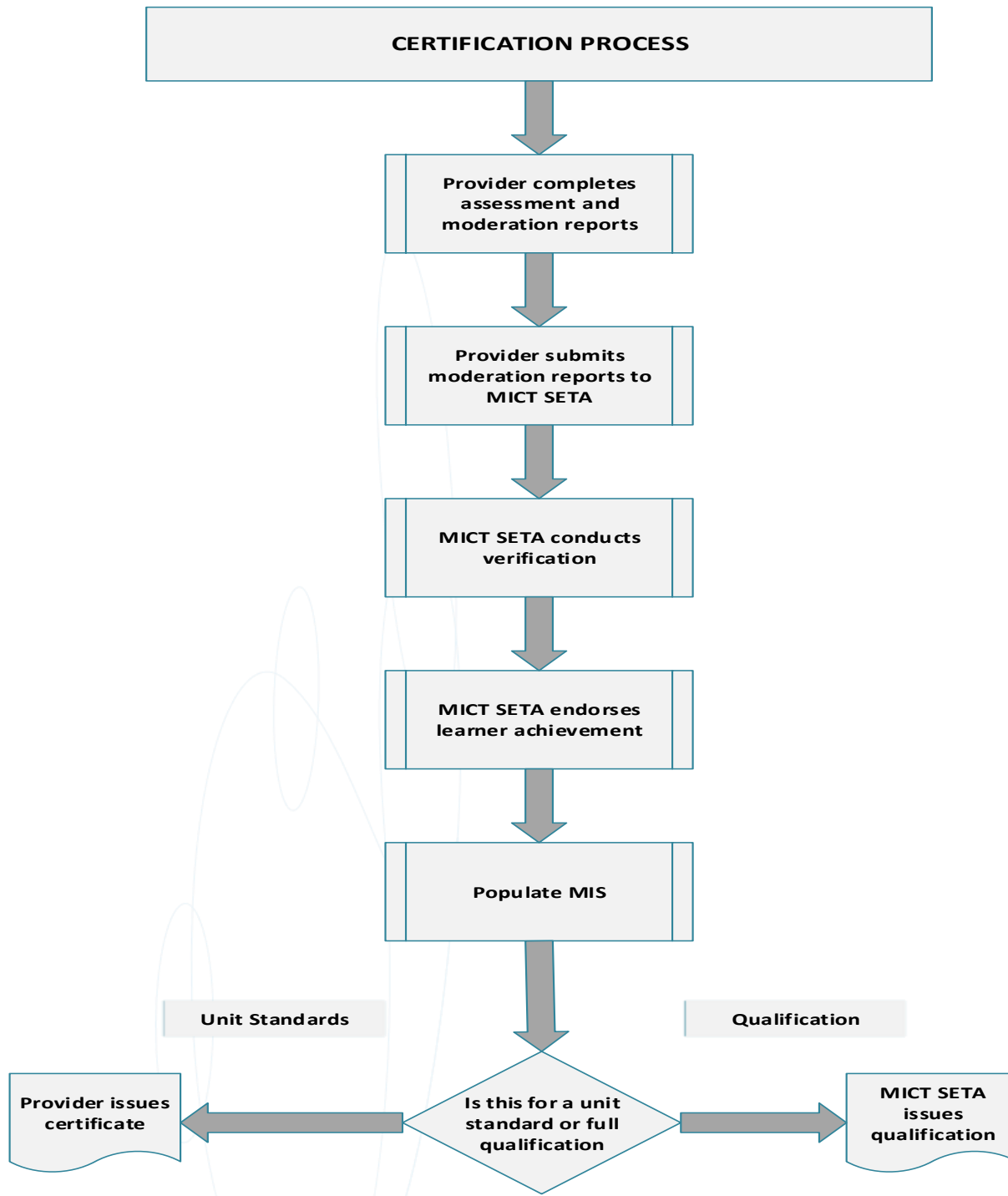
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MS Mapping

Code	Description	Microsoft MCP Exams	Microsoft MTA Exams	Unit Standards
SP-MCDS	MCDS – SQL	70-484		115358 115392 114048 114049 116389 114059 13925 115390 115389
SP-MCDS	MCDS - Advanced Windows Stopre App Development Using C#	70-485 70-487 70-486 70-484 70-483 70-480B		115358 115392 115388 115384 115431 114059 13925 115390 115389 114076 114051 114050 114055 115391 114049 115363 115364 115379





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Definition of Vendor Specific Programmes and its Objectives

- Vendor specific programmes are learning programmes that are occupationally directed and aimed at addressing critical and scarce skills within workplaces
- They are short courses that are industry centred based on international exams
- These programmes are designed to meet the global technological advancement in specific multinational companies or in some local business units that are using such technology for operation.



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Vendor Specific Programmes to dates

1. Microsoft Programmes (MCSE, MCSA, MCSD)
2. Oracle DB
3. CCNA



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Vendor Specific Programmes Discussion

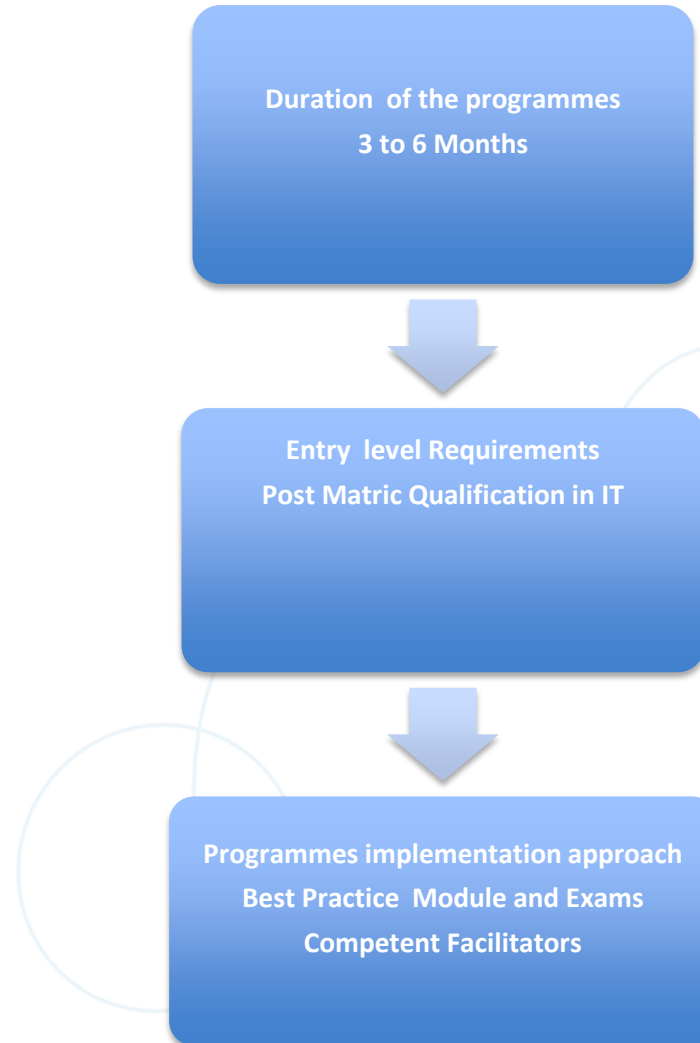


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Implementation Guideline





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**Learning Material
Tablets**



**Programme Outcome
Exams Score report**



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Challenges

- High level of unsatisfactory learners results
- Resources (Computer Laboratory)
- Internet connection
- Drop out and poor attendance
- Administration (attendance register and electronic POE)
- Induction



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Expectations

- Proper administration and compliance
- 90% Pass rate
- Project steering committee
- Learning material
- Vendor mapped programmes implemented as skills programme
- Job creation (eg: Cyber Security) and success stories
- Adequate resources



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Group Discussion

- Lessons learnt
- Best implementation practices
- Challenges and possible solutions



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Thank You