DEPARTMENT OF EDUCATION
TECHNICAL VOCATIONAL EDUCATION
TRAINING WING
CURRICULUM & e-LEARNING
DIVISION

BRIEF ON PNG-TVET
QUALIFICATION FRAMEWORK,
STRUCTURE AND PATHWAYS
NATIONAL QUALIFICATION FRAMEWORK
TVET INSTITUTIONS IN PNG

TECHNICAL AND BUSINESS COLLEGES
1. National Polytechnic Institute of PNG
2. Madang Technical College
3. Mt. Hagen Technical College
4. Goroka Technical College
5. Port Moresby Technical College
6. Port Moresby Business College
7. Kokopo Business College
8. West New Britain Technical College
9. Bougainville Technical College
10. DonBosco Simbu Technical College

VOCATIONAL CENTRES AND COMMUNITY COLLEGES
• 132 Active Vocational centres throughout PNG and
• 10 Active Community Colleges
  1) Badili Community College
  2) Fatima Community College
  3) Limana Community College
  4) Karkar Community College
  5) Kepi Community College
  6) Kundiawa Community College
  7) Kupiano Community College
  8) Kwato Community College
  9) Pangia Community College
  10) St. Andrews Community College
1. Department of Education

TVET Division

Public provision of TVET. Oversight of 11 national technical & business colleges and supports provincial governments in the operation of 135 vocational centres and Community Colleges
2. DEPARTMENT OF HIGHER EDUCATION RESEARCH, SCIENCE & TECHNOLOGY
TERTIARY EDUCATION
Universities, Teachers Colleges, Nursing,
3. National Apprenticeship & Trade Testing Board (NATTB)

Agency within Department of Labour & Industrial Relations

Administration of apprenticeship scheme, development of occupational skill standards, endorsing curricula for apprentice training, accreditation of TT centres & providers of apprenticeship training, conducting trade tests, and occupational qualifications.
4. National Training Council (NTC)

Agency within Department of Labour & Industrial Relations

National training policy, preparation of national training plans and priorities, registration of private training providers and approval of training programs.
Present programs/courses in TVET institutions

The range of programs and courses that are presently offered in the TVET institutions are shown in the next slide.
NATIONAL TVET QUALIFICATION FRAMEWORK (NTQF)

QUALIFICATIONS

ARTICULATION CHART

Entry with regulate knowledge

Articulated entry to National Advanced Diploma

Articulated entry to National Diploma

Articulated entry to National Certificate 4

Articulated entry to National Certificate 3

Articulated entry to National Certificate 2

Grade 10 or equivalent

1. Exit
2. Entry to other course

1. Exit
2. Entry to other course

1. Exit
2. Entry to other course

1. Exit
2. Entry to other course

1. Exit
2. Entry to other course

1. Exit
2. Entry to other course
<table>
<thead>
<tr>
<th>Elements of TVET/Providers</th>
<th>Public TVET</th>
<th>Trade Testing, Apprenticeships</th>
<th>Private Providers</th>
<th>Universities</th>
<th>Non-Formal</th>
</tr>
</thead>
<tbody>
<tr>
<td>Authority</td>
<td>DoE</td>
<td>NATTB</td>
<td>NTC</td>
<td>DHERST</td>
<td>DFCD, DoE</td>
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<tr>
<td>TVET PROGRAMS, QUAL</td>
<td>P.E.T.T.</td>
<td>Trade Test Certificate Levels 1,2,3</td>
<td>Various Certificates</td>
<td>PHD’s Doctorates, Masters Bachelor Diplomas Certificates</td>
<td>Modules, Short Courses, Various Certificates</td>
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<tr>
<td></td>
<td>T.T.C.</td>
<td>Certificate of Completion</td>
<td>Various Diplomas</td>
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<td>Overseas TVET Qualifications</td>
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<tr>
<td></td>
<td>Vocational Training Certificate</td>
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<tr>
<td></td>
<td>Other Certificates</td>
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<td></td>
<td>Diplomas</td>
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<td></td>
</tr>
<tr>
<td>Qualification</td>
<td>Description</td>
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<td>--------------------------------------------------</td>
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<tr>
<td>Pre Employment Technical Training (PETT)</td>
<td>One year full-time programs designed for Year 10 entry providing pre-employment skills for specific trades and occupations. Provided by Technical Colleges and some Vocational Training Centres.</td>
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<tr>
<td>Technical Training Certificate (TTC)</td>
<td>Generally two year full-time programs designed for Year 12 entry providing pre-employment skills over several related trade or occupational areas. Offered by Technical Colleges.</td>
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<tr>
<td>Vocational Training Certificate (Conventional) (VTC)</td>
<td>Generally two year full-time programs designed for Year 8 or 6 entry providing pre employment skills for specific trades or occupations. Offered by Vocational Training Centres.</td>
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<tr>
<td>Extension / Apprenticeship, Levels 1, 2 and 3.</td>
<td>Block release programs providing off-job training for apprentices in certain trades recognised by the NATTB. Certification issued by NATTB. Offered by Technical Colleges.</td>
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<tr>
<td>Diploma</td>
<td>Technician or paraprofessional programs designed for Year 12 entry and generally offered over two years full-time, or part-time equivalent. Offered by Technical Colleges.</td>
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</tbody>
</table>
### A PNG-TVET QUALIFICATIONS FRAMEWORK

<table>
<thead>
<tr>
<th>Qualifications</th>
<th>Brief Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>National Certificate I</strong></td>
<td>Routine and predictable work; little judgement; under supervision</td>
</tr>
<tr>
<td><strong>National Certificate II</strong></td>
<td>Prescribed range of functions; known routines &amp; procedures; limited complexities apply; some accountability for quality</td>
</tr>
<tr>
<td><strong>National Certificate III</strong></td>
<td>Wide range of skilled operations; high level competence; known routines &amp; procedures; some complexity; understanding work processes; team coordination</td>
</tr>
<tr>
<td><strong>National Certificate IV</strong></td>
<td>Wide range of applications; variety of contexts; complex and non-routine; some leadership and guidance; contributing to technical solutions; responsibility for organization and performance of others.</td>
</tr>
<tr>
<td><strong>National Diploma</strong></td>
<td>Application of knowledge and skills; judgment required in planning and selecting appropriate equipment, services and techniques for self and others; development of strategic initiatives; responsibility and autonomy in performing complex technical operations or organizing others</td>
</tr>
</tbody>
</table>
# Hospitality, Existing Courses

<table>
<thead>
<tr>
<th>Functions / Levels</th>
<th>Food and Beverage</th>
<th>House Keeping</th>
<th>Front Office</th>
<th>Cookery</th>
</tr>
</thead>
</table>
| I                  | Bar useful        | House keeping assistant |            | Kitchen attendant  
|                    |                   |               |              | Sandwich hand   |
| II                 | Bar attendant  
|                    | Waiter in a hotel  
|                    | Food and beverage attendant in cafe | House keeping attendant | Porter | Short order cook in small café  
|                    |                   |               |              | Cook in fast food outlet  
|                    |                   |               |              | Commis Cook |
| III                | Bar person in  
|                    | Hotel  
|                    | Waiter in fine dining restaurant  
|                    | Waiter in a small cafe | Concierge  
|                    |                   | Front desk attendant | Commercial cook in large restaurant  
|                    |                   |               | Cook in small restaurant or café  
|                    |                   |               | Cook in hospital |
| IV                 | Food and beverage supervisor |            | Front office supervisor | Sous chef  
<p>|                    |                   |               | Chef in restaurant or small café |
| V                  |                   |               |              |         |</p>
<table>
<thead>
<tr>
<th>Function / Levels</th>
<th>Food and Beverage</th>
<th>House Keeping</th>
<th>Front Office</th>
<th>Cookery</th>
</tr>
</thead>
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<td>I</td>
<td>Bar useful</td>
<td>House keeping assistant</td>
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<td>Kitchen attendant, Sandwich hand</td>
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<td></td>
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</tr>
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<td>II</td>
<td>Bar attendant</td>
<td>House keeping attendant</td>
<td>Porter</td>
<td>Short order cook in small café, Cook in fast food outlet, Commis Cook</td>
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<td>Food and beverage attendant in café</td>
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<td>Waiter in a small café</td>
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<td>IV</td>
<td>Food and beverage supervisor</td>
<td>Front office supervisor</td>
<td>Sous chef, Chef in restaurant or small café</td>
<td></td>
</tr>
<tr>
<td>V</td>
<td></td>
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</tr>
</tbody>
</table>
Present

- Pre-Employment Technical Training Certificate
- Technical Training Certificate
- Basic Training Certificate
- Certificate in Applied Technology
- Vocational Certificate
- Higher Certificate
- Certificate
- Diploma

Future

- National Certificate 1 in ....
- National Certificate 2 in ....
- National Certificate 3 in ...
- National Certificate 4 in ...
- National Diploma in ...
- National Advanced Diploma in ....
NEW DEVELOPMENTS
DESIGNING DEVELOPING
CURRICULUM

NATIONAL DIPLOMA IN SUSTAINABLE AGRICULTURE

CLIMATE CHANGE ADAPTATION, SUSTAINABLE ENERGY
Packaging of National Modules benchmarked to units of Competency

Award of a Qualification based on PNG-TVET Qualifications Framework
SIX QUALIFICATION LEVELS

- THE PNG-TVET QUALIFICATIONS FRAMEWORK CONSISTS OF SIX QUALIFICATION LEVELS AND EACH QUALIFICATION LEVEL IS DESCRIBED IN TERMS OF KNOWLEDGE AND SKILL, APPLICATION AND RESPONSIBILITY.
PNG-TVET QUALIFICATIONS FRAMEWORK

HIGHER EDUCATION
- Ph. D.
- Masters degree
- Post Graduate Diploma
- Bachelor degree
- Associate Diploma
- Diploma

TVET
- National Advanced Diploma
- National Diploma
- National Certificate 4
- National Certificate 3
- National Certificate 2
- National Certificate 1

SCHOOLS
- Higher School Certificate (Grade 12)
- High School Certificate (Grade 10)
- Basic Education Certificate (Grade 8)
Structure of National TVET Qualifications
Framework

A worker at this level performs a prescribed range of functions involving knowledge and skills that are technical or procedural and conceptual, with significant underpinning theory and with some strategic aspects.

5 A worker at this level performs a prescribed range of functions involving knowledge and skills that are technical and procedural with substantial conceptual aspects.

4 A worker at this level performs a prescribed range of functions involving conceptual and technical with some procedural aspects.

3 A worker at this level performs prescribed range of functions involving knowledge and skills that are conceptual and/or technical.

2 A worker at this level performs a prescribed range of functions involving knowledge and skills that are concrete or factual, with some conceptual and/or technical aspects.

1 A Worker at this level performs a prescribed range of functions involving knowledge and skills that are limited and factual in nature.
<table>
<thead>
<tr>
<th>NQF LEVEL</th>
<th>QUALIFICATION</th>
<th>JOB LEVEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>National Certificate</td>
<td>1 Worker in a highly defined</td>
</tr>
<tr>
<td>2</td>
<td>National Certificate</td>
<td>2 Semi-Skilled Worker</td>
</tr>
<tr>
<td>3</td>
<td>National Certificate</td>
<td>3 Skilled Worker/Tradesperson</td>
</tr>
<tr>
<td>4</td>
<td>National Certificate</td>
<td>4 Technical Assistant/Supervisor</td>
</tr>
<tr>
<td>5</td>
<td>National Diploma</td>
<td>5 Technician/Manager</td>
</tr>
<tr>
<td>6</td>
<td>National Advanced Diploma</td>
<td>6 Senior Technician/Senior Manager</td>
</tr>
</tbody>
</table>
PNG QUALIFICATIONS FRAMEWORK

CHALLENGES

GOVERNMENT AGENCIES

- Department of HERST
- Department of Education (DoE)
- National Training Council (NTC)
- National Apprenticeship and Trade Testing Board (NATTB)

TVET PROVIDERS

- QUALIFICATIONS/AWARDS
- QUALITY ASSURANCE – RESOURCES
- AWARENESS AND IMPLEMENTATION
THANK YOU ALL FOR LISTENING