Presentation to NOF Trade Mission to Trinidad 17th – 23rd September 2005

Training and the establishment of the University of Trinidad & Tobago

21st September 2005

Pete Smith
Agenda

- Background – *The Vision of UTT*
- Organisational Structure – *Key Activities, Programme Articulation, Programmes, Campuses*
- A Gas Perspective – *R&D Starting from Gas*
- A Unique Training Offer
A partnership between....

Trinidad & Tobago
Government

Business & Industry

International Universities

Education with a Global Vision
Background

Vision of UTT

- UTT is the National Institution that:
  - Inculcates graduates to develop broad integrated skills that maximize the benefit of new and emerging technologies.
  - R&D activities that keep T&T in the vanguard of niche technologies of key importance to the nation.

- UTT will be a catalyst in the creation of a new society of people with the technical skills able to lead the nation in the new millennium.
**Organisational Structure**

**Key Activities of Units**

### CORPORATE BODY
- Liaison with Universities, Industry & Government, Professional Institutions, Accreditation Councils
- **UTT Board of Governors**
  - Granting of certificates, diplomas, degrees
  - Finance, Budgets, Endowments
  - Audit & Quality Assurance
  - Planning, Projects & Corporate Services

### PROGRAMME DELIVERY
- **Institute of Applied Technology**
  - Certificate, Diploma and Degree Programmes in Engineering Technology
- **Institute of Science, Engineering**
  - Degree Programmes
  - Research Activities
  - Seminars, Workshops
  - Specialised Courses
- **Academy of Arts, Culture and Public Affairs**
  - Seminars, Workshops, Degree Programmes
Programme Articulation

“Seamless Structure”

Organisational Structure

World of work

M.Sc. M.Eng.

PhD

M.Phil.

B.Sc. Programmes
(4 years)

B. Eng. Programmes
(4.5 Years)

National Engineering Technician Diploma (2.5 years)

CXC “O” Levels

Transition Studies

Cape 2 “A” Levels

Journeyman, Skills Training Craft Programmes
Organisational Structure

UTT Campuses

Tobago

Trinidad

W – Wallerfield
T – Tobago
PL – Point Lisas
C – Chaguaramas
M – Mayaro
OM – O’Meara
SF – San Fernando
JD – John Donaldson

Main UTT campus in 2008
New campus ready in 2006
### New Programmes

<table>
<thead>
<tr>
<th>Centre</th>
<th>2004/5</th>
<th>2005/6</th>
</tr>
</thead>
<tbody>
<tr>
<td>Energy</td>
<td>BSc Petroleum Engineering, MSc Oil &amp; Gas EP</td>
<td>MSc in Petroleum Engineering, Utility &amp; Petroleum Management</td>
</tr>
<tr>
<td>Maritime</td>
<td></td>
<td>Deck Officer and Eng Officer Diplomas</td>
</tr>
<tr>
<td>Manufacturing</td>
<td></td>
<td>BEng Manufacturing, MSc Manufacturing</td>
</tr>
<tr>
<td>Information, Computing, Telecom</td>
<td></td>
<td>BSc &amp; MSc Information, Computing, Telecom</td>
</tr>
<tr>
<td>Process &amp; Utilities</td>
<td></td>
<td>BSc &amp; MSc Process &amp; Utility Engineering</td>
</tr>
</tbody>
</table>
### Organisational Structure

## New Programmes (cont’d)

<table>
<thead>
<tr>
<th>Centre</th>
<th>2004/5</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Applied Technology</strong></td>
<td><strong>Bachelor of Applied Technology in:</strong></td>
</tr>
<tr>
<td></td>
<td>Process &amp; Utility, Mechanical, Electrical</td>
</tr>
<tr>
<td></td>
<td>Petroleum Engineering &amp; Information Systems</td>
</tr>
<tr>
<td></td>
<td><strong>National Engineering Technician Diploma in:</strong></td>
</tr>
<tr>
<td></td>
<td>Petroleum, Chemical, Mechanical, Electrical</td>
</tr>
<tr>
<td></td>
<td>Computer Engineering Technology, Industrial Instrumentation Technology, Telecommunications Technology &amp; Computer Technology :</td>
</tr>
<tr>
<td></td>
<td>Diploma Programmes to be rationalised in 2005/6.</td>
</tr>
<tr>
<td></td>
<td>Construction Management to be included.</td>
</tr>
</tbody>
</table>
A Gas Perspective

Major Initiative of UTT

The Establishment of a Natural Gas Institute for the Americas in Trinidad and Tobago

Motivation:

• By 2010, 10% of hydrocarbon production in T&T will be oil, the remainder gas

• 2004 – 2.7Bcf/d

• By 2010 New projects will more than double gas production to 5.9Bcf/d

• UTT will create a centre of excellence in R&D starting from a Gas perspective

• Unique International Focus – no Institution in the world studies complete natural gas value chain
A Unique Training Offer

UTT will integrate training from traditional disciplines to reflect national business requirements and working practices.

UTT will integrate topical and applicable research with training to provide vibrant academic scholarship.

UTT will provide the impetus to drive the nation with new technological capability.
“Education with a Global Vision”
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