TAL @ NWU (PC) : A glance in two mirrors

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Overview

• Define the scope of the presentation
• Our current situation
• What we did to change
• Our new situation
• Demonstration
Scope

- **Lens 2:** Quality Management Processes (QMP’s) in place to ensure the enhancement of learning through TAL
- **Lens 5:** Structures in place for client support (including lecturers, students and other role players)
  - Technical
  - Educational
Scope

• Third Combined Report of the Developmental Study
• TAL:
  – Paper-based technologies
  – Technologies in teaching and learning spaces
  – Electronic Learning Environment (LMS)

“...To work towards quality teaching and learning it is of paramount importance that all role players (academics and support staff) know exactly what is expected of them...”
Current situation

Academic Support Services

Teaching and Learning Development

Lecturer and Teaching Development

Student Learning and Reading Development

Learning Technology and Production

α-Media

IT in Education

Graphikos

Co-ordination and Scheduling

Teaching and Learning Media Co-ordination
Current situation

- Realised: Our current organisational structure within Academic Support Services does not support the QMP’s effectively.
- Does not support effective client support
  - Technical
  - Educational
What have we done?

- Participation in Developmental Study (UJ-project)
- Benchmarking
  - (visits: Boston University, MIT)
- Proposed new process to govern better co-ordination between units
- Appointment of Instructional designer as head of d-media
- Challenges for ITE unit
“The road ahead”
Points of discussion

• Process: Integration of technology and instructional support

• The road ahead (DBT project)
Integration of technology and instructional support

**INPUTS**
- Video
- Interactive media
- Audio (voice over)
- eFundi sites
- General multimedia needs

**PROCESS**
- Production
- Define the need (Instructional designer)
- Scheduling
- Include all stakeholders

**OUTPUTS**
- DVD (DBD)
- Video’s / clips
- Interactive eFundi site
The road ahead (DBT project)

DBT (Digital book technology)

- DVD / DBD (digital book disk)
- Video, graphics, flash animation, text, etc.

AIM

- To enhance learning for large groups (200+ students)
- Keep theory teaching minimal or out of the classroom
DBT (Digital book technology)

Theoretical framework

![Diagram showing Behaviorism and Constructivism leading to DBD and Classroom.]

DBS: deductive teaching (explanation of the theory)

Classroom: inductive teaching, problem solving, cooperative learning, etc.
DBD example
Thank You