

Experiences with Developing Digital Content at Egerton University



J. M. Githeko
Egerton University

githeko@egerton.ac.ke

githeko@gmail.com

Agenda

- ◆ Status of E-learning at Egerton University
- ◆ Local Content Development Attempts
- ◆ Challenges of Developing Digital Content
- ◆ Content Issues in the University
- ◆ Future Plans

Status of E-learning at Egerton University

◆ What content?

- Static and interactive text
- Simulations
- Intelligent tutors
- Multimedia – graphics and video

◆ Cisco Networking Academy

◆ African Virtual University/RMIT

Local Content Development Attempts

- ◆ Local courses – e-learning site
 - www.egerton.ac.ke/moodle [Moodle]
 - ntc.egerton.ac.ke [Plone]

- ◆ A few courses implemented




Challenges of Developing Digital Content at Egerton University

- ◆ Awareness among staff
- ◆ Instructional design skills among instructors
- ◆ Computing skills among content developers (animation, HCI, storyboarding, access controls etc.)
- ◆ User skills
- ◆ Content access – labs, connectivity, bandwidth
- ◆ Institutional framework – policy, capacity

Content Issues for Universities

- ◆ Quality – is content authoritative?
- ◆ Ownership and access – is it open content?
- ◆ Staff motivation – is it recognised as a publication?
- ◆ Purpose – is content distance learning courses or as supplementary material for a synchronous instructor-led course?
- ◆ Pedagogical foundation

Human Capacity Development

Strategic Objective	Strategies
<p>To train students and staff to effectively utilise ICT in their work</p> 	<ul style="list-style-type: none">◆ Identifying ICT skill deficiencies among students and staff.◆ Developing ICT training programmes and materials for students and staff◆ Integrating ICT into academic, research and extension programmes (use Special Interest Groups)

The End

