Experiences with Developing Digital Content at Egerton University

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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

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<tr>
<th>Strategic Objective</th>
<th>Strategies</th>
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<tr>
<td>To train students and staff to effectively utilise ICT in their work</td>
<td>- Identifying ICT skill deficiencies among students and staff.</td>
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<td>- Developing ICT training programmes and materials for students and staff</td>
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<td>- Integrating ICT into academic, research and extension programmes (use Special Interest Groups)</td>
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