Towards a Network on Digital Education

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In the news: “Only 1/3 of students (at the same time) on campus at the beginning of the 2020 Fall semester”
Lessons from the Webinars

- Apply instructional design to achieve the learning objectives in the new context and teaching environment

- University professors need training and time to adjust
  - Technical tools + New pedagogical approach
  - Use + Production of digital content
  - Master the digital learning environment

- Provide the digital environment and tools to engage instructors AND students in the process
1. How to obtain learner engagement? (Why)

2. How to present information to make it intelligible and accessible? (What)

3. How to organize the activities and the expression of the learners? (How)
The impact of OER on learning

OER Promotes Student Success

Average grade

- Non-OER
- OER

White
Non-white

Average grade

Non-OER
OER

DFW Rate

- Non-OER
- OER

White
Non-white

% of students

Proposal in Abuja – Feb 2020

Create a network of Units of Competence on Digital Education (U-CoDE), with specific Techno-pedagogical expertise

1. Establish training and production facilities at each participating ACE
2. Train Lecturers, technicians and education specialists on e-learning
3. Produce quality and relevant educational resources
4. Pool and share educational resources among all ACEs and beyond

Associated Centers:
ACETEL-NOUN, ACENPEE-ABU and ACEITSE-LASU
Project long-term objectives

Participating academic institutions will:

- Acquire the necessary techno-pedagogical skills, capacities and drive for the **sustainable integration of digital education tools and technologies** into their curricula.

- Improve their **resilience** in teaching capacity

- Strengthen the **quality** of teaching as well as the competencies of their graduates.
Inputs and Outputs of a U-CoDE

Functional LMS

IT & Multimedia equipment

Trained technical staff

Pedagogical engineer(s)

Trained instructors in techno-pedagogical engineering

U-CoDE

Instructor training & support

Digital Content

Online & Hybrid teaching

Student engagement and learning
Provisional timeline for the implementation of several U-CoDE in 2021

- Training specialists in techno-pedagogical engineering
  - Workshop No 1
  - Workshop No 2
  - Workshop No 3
  - Workshop No 4

- Training professors in Digital Education

- Training technical specialists

- JAN
- FEB
- MAR
- APR
- JUN
- JUL
- AUG
- SEPT
- OCT
Next steps

- All ACE Impact institutions may participate → Centers to take the lead!

- Start pilot project with 6 universities

- Information session on November 18th
Merci !

Dimitrios Noukakis