

Curriculum and Pedagogy

Tuskegee University's Year 4 Perspectives

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innovATE

Innovation for Agricultural Training and Education

<http://www.oired.vt.edu/innovate/>

Main Points:

- Background: TU as an HBCU, USAID ERA, etc.
- Bridging the gap between theory and practice
- CPCD, Use of Syllabus, BPED
- Going forth ...?



Tuskegee University as an HBCU

- Great concentration of faculty and staff of African and Asian origins
- Long term but at times inconsistent involvement in AET in developing nations
- Mega project funding strategy from USAID did very little to strengthen capacity at HBCUs
- Saving grace: Mega project proposals have to include minority institutions!

USAID ERA Senegal Project & Tuskegee

Allowed for comprehensive approach (initial design) in tackling education and research issues in Senegal: facilities/infrastructure, personnel, instruction, etc.

USAID ERA Senegal Project & Tuskegee

Tools used in the process:

- *Jobs market analysis,*
- **Curriculum review and mapping,**
- *Institutional self assessment,*
- Innovative teaching strategies,
- **Student-centered teaching and learning strategy,**
- *Community participatory curriculum development (CPCD),*
- **Business planning and entrepreneurship development (BPED), etc.**

USAID ERA Senegal Project and TU Innovate

- Use of CPCD and Syllabus as a Student-Centered Teaching in Lower Casamance (Ziguinchor) has started to yield results in bridging the gap between theory and practice
- Resources potentially in place and ready at TU to tackle implementation work in institutional self assessment, CPCD, Syllabus as a Student Centered Teaching, curriculum review and mapping, etc. in Senegal, DRC, Mali, other Sub-Sahara Africa, etc.

Year 4 Innovate Accomplishments and Challenges in Curriculum and Pedagogy

- Documenting tools
 - Thematic paper, Handbook, Good Practice Paper on CPCD, Use of Syllabus, BPED, Post-Conflict AET in Mali, etc.
 - In view of reduced Innovate budget: very slow adjustment process, in-house no-reviewed versions
- AgriLinks and other online participation and leadership

Year 4 Innovate Accomplishments and Challenges in Curriculum and Pedagogy

- InnovATE @ TU in collaboration with ERA conducted a CPCD exercise in June 2014 in Senegal
 - Strengthen the existing curriculum
 - Create a new curriculum that takes agricultural production, processing, and marketing activities as priorities in planning and
 - **Conduct and document a pilot exercise in CPCD for the agroforestry program**





CPCD case study in Senegal

Year 4 Innovate Accomplishments and Challenges in Curriculum and Pedagogy

- Participating institutions
 - University of Ziguinchor
 - LTAEB vocational school, **Bignona**
 - CNFTEFCPN Senegalese government's training center for workers in the natural resources sector, Djibélor
 - Karembenor/Ziguinchor

Findings of the Training Needs Assessment (TNA)

- Gardening
- Fight against fruit fly
- Use of pesticides
- Best agricultural practices (harvesting of mango, grafting)
- Water management
- Livestock product diversification
- Seeds production
- Processing fruits and vegetables
- New crop production techniques
- Management and accounting
- Marketing of agricultural commodities

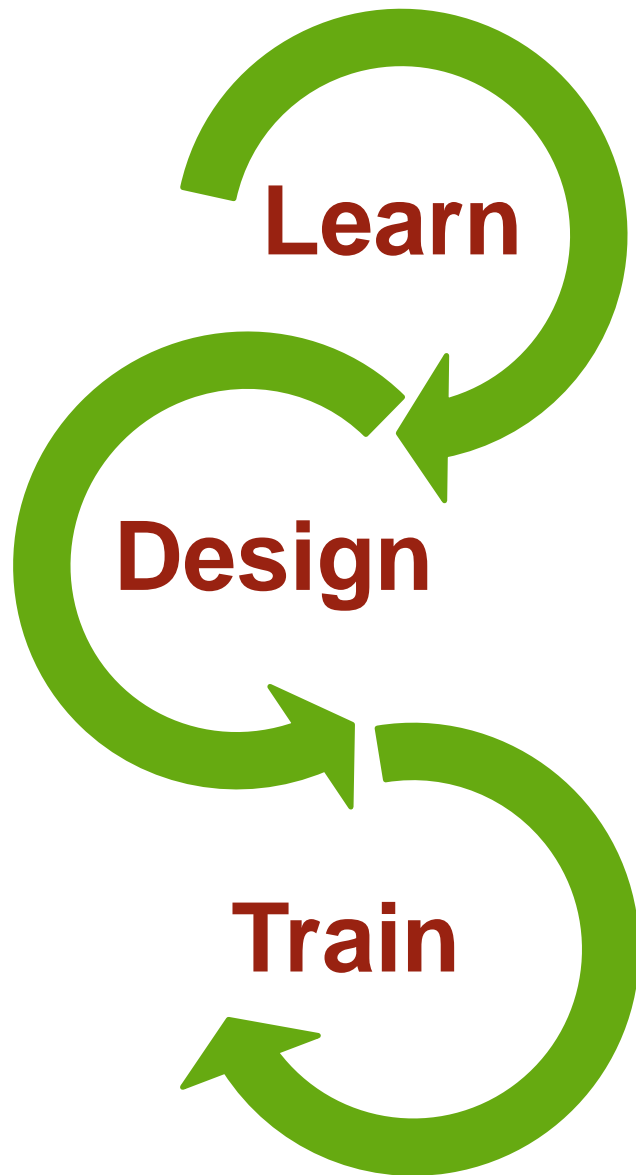
Year 4 Innovate Accomplishments in Curriculum and Pedagogy

- CPCD Working Paper Series: 1
- BPED Training: 2
- BPED Working Paper Series: 1
- Syllabus Development Workshop: 1
- Syllabus Development Working Paper Series: 1
- GPP: 3
- Mali AET Study: 1
- **Agrilinks**

Comparing with TU Outputs at the end of Year 2:

- Case study
 - Impact of the Malian Crisis on Post-Conflict AET
- DRC Fact Sheet
- DRC Country Study
- Cross-cutting study
 - Sub-Saharan AETS in Post-Conflict Environments
- Scoping DRC SOW
- AET assessment report
 - DRC AET Assessment





InnovATE has been making adjustments in its implementation strategies due to budget realities and other factors.

Tuskegee University's forte seems to be in the Design and Train components and not producing Learn "publications" in a rapidly changing implementation strategy, leadership and resource allocation environment

- AET Design and Train opportunities in Francophone and other SSA
- Continued capacity strengthening in documentation of skills from selected individuals at TU and other HBCUs

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