



# Professional Development in a Digital Age:

## Exploring Aspects of Digital Fluency for Blended Teaching and Learning.



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# Workshop Objectives

- **Reflect** - on the knowledge, skills and behaviour needed by an academic in the digital age.
- **Explore** one way of enhancing your K-S-B by:
  - ❖ engaging with the OUT Digital Fluency modules; and
  - ❖ ascertaining their relevance to your own context.
- **Gain insight** on how to:
  - ❖ develop a course using existing OER and
  - ❖ re-use OER for your own context and purpose
- **Become empowered:**
  - ❖ Find out how to access, download and restore these openly licenced modules for use at your own institution.
  - ❖ Maximise the availability of your own virtual learning environment for professional development.

# Workshop Outline



# Digital Fluency Course Concept

*Our motivation for developing this course was to enhance the capacity of academic staff in sub-Saharan Africa to increase confidence and competence in selecting and using appropriate digital technologies in an informed manner within their work environment.*

*The aim of the course is to progress beyond the conventional notion of digital or computer literacy – we would like to support academics to become ‘fluent’ in the digital workplace. The move from literacy to fluency encompasses effective and ethical online communication, good quality resource creation and curation, knowledge co-construction, and an understanding of using these abilities to ‘open up’ education – with all these elements becoming increasingly standard and effortless over time.*

*The overall objective is to develop an ability to comfortably and ethically use digital technologies incorporating a variety of media types, both on- and off-line, to support your teaching and learning, research, and academic administrative duties. We believe that these modules will support you in your journey towards this goal.*



# Specific DF Objectives

## Reuse / develop relevant OER for Guidance / Capacity Development for Academic Staff

- Advancing general digital competencies
- Developing specific competencies in a range of identified areas

### In order to facilitate:

- Improved pedagogical practices
- Enhancement of blended and online teaching and learning
- Promotion of student engagement and interaction in the Distance Education context
- Guidance to students to access and use supplementary materials
- Efficiencies in working with the new OUT administrative paperless environment

You must be the change you wish to see  
in the world – Mahatma Gandhi

Digital Fluency course for Academic Staff (ODF 001)

Wider OER  
Support  
Community

OUT

Creative Commons

OUT  
needs

Senior  
Management

Open  
Repositories

OER  
Africa  
support

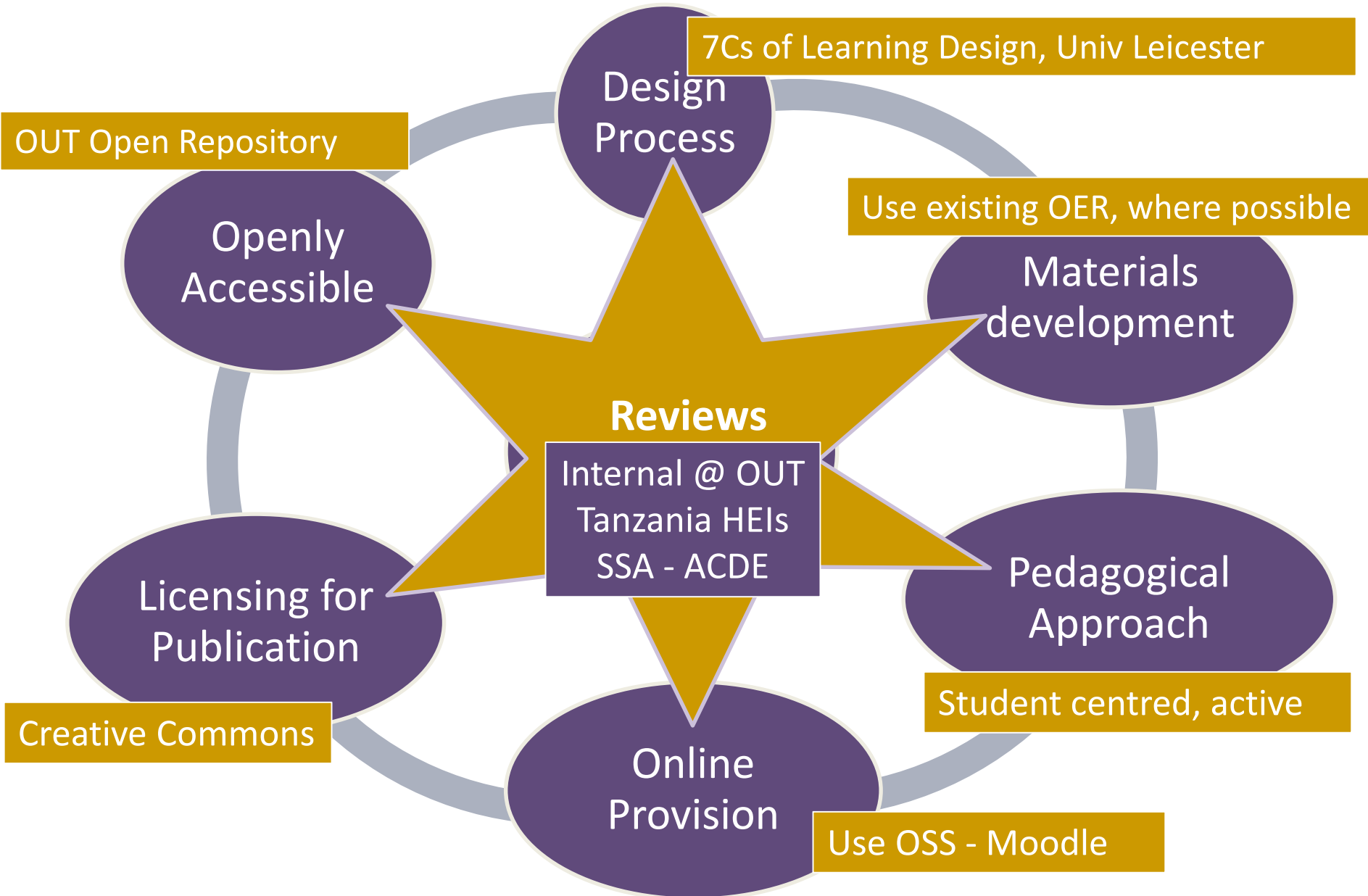
Quality  
Assurance  
Directorate

OUT  
IEMT  
support

OUT  
Library  
services

OER  
Team

# Modelling openness with respect to:



# Highly Iterative Process ...



2013

- OER workshop
- Digital Fluency course conceptualised
- Learning Design Workshop



2014

- Roles assigned
- Course & modules framework developed - 2 formats
- Materials development Initiated
- Facilitating Online Learning – capacity building course
- Internal OUT content reviews



2015

- Module revisions
- Language reviews
- Module revisions
- QA Reviews
- Module Revisions
- Pedagogical Review
- Module revisions
- Technology Alignment Reviews
- Module Revisions



2016

- Copyright Clearance reviews
- Module Revisions
- Mount modules on Moodle
- Pilot modules sequentially
- Evaluation
- Module Revisions



2017

- Final pilot modules
- Evaluation
- Module Revisions
- Copy editing of text version
- Copy changes to Moodle
- CC Licenses
- Publish as OER in 2 formats: text and Moodle backups
- Mount in OUT Open Repository





## Module Name

## Identified Sub-topics

### 1. Digital Fundamentals

- Basic Computing concepts and operations
- Digital Resource Editing
- Internet Fundamentals
- Virtual Learning Environments
- Multimedia Fundamentals

### 2. Working with OERs

- OER Concepts
- Creative Commons Licensing
- Mixing, Adapting and Reusing OER
- OER Production

### 3. Learning Design and Development for Online / Blended Provision

- Models, frameworks and processes
- Designing for learning
- Digital development
- Modes of provision
- Basic learning analytics

### 4. Academic Integrity in a Digital Age

- Introduction to academic Integrity
- Intellectual property
- Promoting academic integrity
- Data and information privacy

### 5. Storage and Access of Digital Resources

- The nature of digital resources
- Storage of digital resources
- Access to digital resources
- Content management systems



# 5 Digital Fluency Modules

Mod 1

- Digital Fundamentals

Mod 2

- Working with OER

Mod 3

- Learning Design & Development for Online Provision

Mod 4

- Academic Integrity in a Digital Age

Mod 5

- Storage & Access of Digital Resources



## Supplementary Development Artefacts

- [7Cs of Learning Design Toolkit](#) (Univ. Leicester)
- Detailed activity structure template (.doc)
- Module development tracker (.xls)
- Pedagogy - Technology alignment tracker (.xls)
- Landing page & layering guidelines (LMS)
- Copyright clearance guidelines
- Online course evaluation instrument (Saide, 2012)
- Technical note on restoring an online course (Mallinson, 2018) – in progress



# Structured walk-through

## Explore 3 modules online (Moodle)

- Mod 1: [Digital Fundamentals](#)
- Mod 2: [Working with OER](#)
- Mod 3: [Design & Development of Online / Blended Courses](#)
- Mod 4: [Academic Integrity in a Digital Age](#)
- Mod 5: [Storage & Access of Digital Resources](#)
- Mod 6: Facilitating Online Learning



A note on support for  
online participants:

Consider instituting  
Learning Circles



# Tea/Coffee Break?



# Practical Activity 1 – Explore!

- Use your assigned login to the OUT Moodle server (eLMS) to explore the 5 Digital Fluency Modules. (*Courses in dashboard*)
- This login will be active for the next 4 weeks.
- Brenda and support staff available for queries & assistance.
- Download workshop resources from:
  - ❖ Google Drive: <https://goo.gl/g8FRkp>
- [\*\*OUT Open Repository\*\*](#)

# Practical Activity 2 - Feedback

Please provide constructive feedback on the modules by undertaking the brief online survey.

<https://goo.gl/X1oqrS>

(7 clickable, 3 text responses)



Many thanks for your time and attention!

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SlideShare: <http://www.slideshare.net/brenda6>

Resources on Google Drive: <https://goo.gl/g8FRkp>