

### Background

The ICT4RED course was originally developed for the Cofimvaba Tech4RED research initiative and formed part of the Teacher Professional Development (TPD) component of the bigger project. The course is available for use by organisations/schools under the **Creative Commons Attribution Share Alike Non Commercial** licence accredited to the Meraka Institute (CSIR) as well as the contributing stakeholders (Department of Basic Education, Department of Rural Development and Land Reform, Department of Science and technology) and the originating authors (Dr Adele Botha and Maggie Verster).

With large scale tablet implementations happening in schools across the country it has been found that **limited adoption and integration** is taking place and most teachers are **not utilising** their tablets other than as “textbooks under glass” and some communication. The ICT4RED TPD course is a noticeable exception. The course is different in as far as it does not focus on the technology (e.g. mobile devices and apps), but rather emphasise a learner centered way of teaching and learning with technology embedded into the pedagogical design. It moves the teacher from his/her traditional (teacher centred) comfort zone to a fully learner centred technologically enhanced scenario, in a fun (gamified) and engaging way.

As the mobile skills are lightly embedded within each learning strategy, the teacher does not even notice the move to a seamless and active use of devices in their classrooms. The **Earn As You Learn (EAYL)** system ensures that teachers are challenged to innovate and integrate the chosen strategies in their classrooms as they are taken on a pathway of achievement through gamified badge accreditation. It is preferable that the badge achievements are ultimately rewarded through the acquirement of technology (e.g. earning their tablet or a bonus incentive). All participating teachers have to demonstrate that they have used the chosen strategies in their classrooms (at least once) and that they have embedded mobile devices and app use into their lesson plans. The course also measures depth of implementation by using rubrics to assess merit worthy integration of both mobile technologies and innovative use of teaching strategies.



The entire course is hands-on, gamified and fun. Teachers are taken through all the steps and tools relating to the various strategies and personally experience how each strategy works. Designing a similar lesson plan and implementing it in their classrooms is therefore exciting as they get peer feedback and support throughout the course. Each module has clearly defined objectives, skills and outputs to guide teachers.

The course has moved on from its original design of introducing rural teachers to the use of mobile technologies in the classroom, to being implemented in advantaged and multi-cultural environments and BYOD across the world. It has been translated into Afrikaans and Arabic and has now been piloted in both advantaged internet rich as well as internet constraint rural environments with great success. It has morphed from being an **ICT for Rural Education** implementation to a **ICT for REAL Education** initiative for the 21<sup>st</sup> century school!

The course is SACE accredited administered by the Digital Education Institute.

## **ICT4RED TTT Course (ICT4RED Train the Trainer Course)**

As the ICT4RED course is an “open” course (see licencing), we would like to see it implemented in ALL our schools employing mobile technologies and ICT for teaching and learning. In schools where tablets have been rolled out, this course is the next step to equip teachers to integrate mobile technologies into their everyday classroom practice. In order to empower schools to capacitate their staff, we need to facilitate training for teacher trainers who can in turn implement the course within their own school/district environments, thereby making it cost effective while making sure that it will be successful.

The ICT4RED Train the Trainer (TTT) course endeavours to give teacher trainers/ICT integrators/ICT champions in schools the knowledge, skills, strategies, apps, technology and course management skills to be able to lead, manage and facilitate course implementation in a school or district environment. Potential trainers will experience the hands-on participation course from a training point of view, where after they will focus on the management (both technical and pedagogical) of implementing the course within their own (school/district) context.

### **Course framework:**

The course follows a **blended Face to Face and online approach** and teacher trainers will be taken through all the facets of implementation, tablet skills, badging and support. The 10 modules are divided into 2 five day sessions. Online support, ongoing online training webinars and assessment will assist trainers to successfully implement, train and support their colleagues. Trainers will be able to start implementing the course into their schools environments directly after completion of the first 5-day session. Only 12 participants per TTT session can be accommodated to cater for individual attention and preparation. It consists of the following elements:

#### **1. Face to Face Participation and TTT Course Session 1**

- **Requirements.**
  - Must be a recognised ICT Champion respected and acknowledged by his/her peers
  - Must commit to every facet of training, both course attendance and implementation.
  - Must have access to and bring along own tablet, laptop with internet access.
- **Duration:** 5 intensive training days during the school holidays (Starting dates, April, July, October, December and January- see schedule)
- 5 Modules modelling and dealing with the 5 learner centred strategies:
  - Module 1: Jigsaw (Basic mobile technology use and back channelling)
  - Module 2: Storytelling
  - Module 3: Role play
  - Module 4: Learning stations with digital libraries
  - Module 5: Mind mapping with apps
  - Assessment tools and techniques
  - Badging related to the first 5 modules.
- TTT: Modules 1 to 5 from a training perspective
- Technical, tablet skills and online submissions.
- Setting up and managing online spaces for your training
- How to assess badging portfolios for SACE accreditation submission
- Gamification strategies for use during training.
- Adapting the course for your school environment and devices.
- Issues and workshop management.

- Cost: R 6 000 pp (excluding travel, accommodation and devices. Include training venue, refreshments, material and game incentives.)

## 2. Support and accreditation Modules 1-5

- 5 Online Support Webinars
- Online 1 to 1 assistance
- Online assessment of facilitator portfolios and badging
- Online training community of practice
- Resource bank with templates and examples
- Cost R2 500 pp

## 3. Face to Face Participation and TTT Course Session 2

- **Requirements. Must have:**
  - Completed the participation and TTT course session 1
  - Submitted badging portfolio of evidence (for both participation and TTT modules 1-5)
  - Must have access to and bring along own tablet, laptop with internet access.
- **Duration** 5 days (July, October and January)
- **Next 5 Modules:**
  - Module 6: Flipped classrooms, assessment and lesson plans
  - Module 7: Gamification and Game Based Learning
  - Module 8: Field trips
  - Module 9: Gallery walks
  - Module 10: Reflection
- Assessment tools and techniques
- Badging related to the next 5 modules.
- Modules 6 to 10 from a training perspective.
- Technical skills
- Badging and assessment of portfolios for SACE accreditation submission.
- Gamification principals in course facilitation.
- Adapting the course for your own school environment and device scenario.
- Issues and workshop management
- **Cost: R 6 000 pp** (excluding travel, accommodation and devices. Include training venue, material and game incentives.)

## 4. Support and accreditation Modules 6-10

- Online Support Webinars
- Online 1 to 1 assistance
- Online trainer portfolio assessment and badging
- Online community of practice
- Resource bank with templates and examples
- Cost R 2500

### Accreditation

On completion and integration of participants course sessions 1 and 2, modules 1-10 and submitting and achieving the relevant badges associated with each module, participants will receive 45 SACE accreditation points.

ICT4RED TTT course is in the process of being SACE and SAQA accredited and will be awarded on completion and submission of a portfolio of evidence of implementing and training ICT4RED with other teachers within their school/organisational context.

### Proposed TTT F2F Training dates and costing

Dates	Sessions	Venue	Cost
27 <sup>th</sup> November-1 December 2017	Session 1 (P & TTT) Mods 1-5	Hogsback	R 6 000 pp (5 Days)
8 <sup>th</sup> -12 <sup>th</sup> January 2018	Session 2 (P & TTT) Mods 6-10	Hogsback	R 6 000 pp (5 Days)
9 <sup>th</sup> – 13 April 2018	Session 1 (P & TTT) Mods 1-5	Hogsback	R 6 000 pp (5 Days)
1 <sup>st</sup> - 5 <sup>th</sup> October 2017	Session 2 (P & TTT) Mods 6-10	Hogsback	R 6 000 pp (5 Days)

### Notes

- Online Support, webinars, badging and accreditation rate per training teacher is R 2 500 pp per session and will be done online at scheduled times after Scheduled F2F sessions.
- Costs exclude participant travel, accommodation and devices. Participants to bring own devices along as well as back up data.
- **Training can take place in a venue of your choice at a discounted rate as long as there are no less than 9 participants. Training bookings and dates are secured by a 50% deposit.**
- A discounted rate (20%) will be applicable if exclusive staff training for TTT is scheduled for a minimum of 9 participants. Travel and accommodation for facilitator will be payable.

**ICT4RED TTT Course Registration form**

This form can be completed online here: <https://goo.gl/forms/kTnnrn6xmAllwEGn2>

I want to register for the ICT4RED train the trainer course:

Session(s): \_\_\_\_\_

Date (see schedule) \_\_\_\_\_

Venue (see schedule) \_\_\_\_\_

**Personal details:**

Name and surname: \_\_\_\_\_

Email address: \_\_\_\_\_

Contact cell number: \_\_\_\_\_

ICT Skill level of participant. Beginner \_\_\_\_\_ Intermediate \_\_\_\_\_ Advanced \_\_\_\_\_

Dietary requirements: \_\_\_\_\_

**Organisational /school information**

Organisation/school: \_\_\_\_\_

Organisation/ School telephone number: \_\_\_\_\_

Organisation/ School Address: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

Does school have good internet access? Yes \_\_\_\_\_ No \_\_\_\_\_

Does school have WI-FI? Yes \_\_\_\_\_ No \_\_\_\_\_

What devices / infrastructure do teachers have access to? (e.g. laptops, desktops, tablets, ipads, cell phones, mobile data, WI-FI, content servers.....)

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

What devices / infrastructure do learners have access to? (e.g. laptops, desktops, tablets, ipads, cell phones, mobile data, WI-FI, content servers, I to 1 devices, BYOD.....)

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Have tablet devices/ iPads been implemented with the learners already? Yes \_\_\_\_\_ No \_\_\_\_\_

\_\_\_\_\_

Registration confirmation with payment details will be send on receipt of this registration form.