ICT in Education

Professional Development for South African TVET lecturers

ALWAYS LEARNING

PEARSON
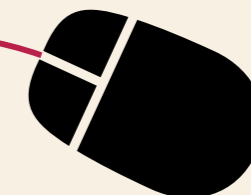
“ We believe in learning –
all kinds of learning
for all kinds of people,
delivered in a personal style.
Because wherever learning
flourishes, so do people. ”

> " Information and communication technology (ICT) is a transformational force for education. The challenge is how to unlock the potential of students and put power in their hands as learners. "

International Education Roundtable, Singapore 2009

Five compelling reasons to offer Pearson ICT training to your lecturers

- Improves the effectiveness of their education efforts through appropriate use of technology in the classroom.

- Caters for different learning styles to allow lecturers to use technology to tailor learning according to student needs and abilities.

- Practical course material that offers hands-on tools that can immediately be applied in the classroom.

- Offers valuable technology tools that can simplify and enhance student assessments.

- Modular course structure means ICT training that can be tailored to each lecturer's needs and knowledge level.

ICT in Education offers lecturers an opportunity to use Technology to inspire, motivate and engage students in order to enhance their learning experience.

Pearson ICT training offers competency-based professional development for TVET lecturers. Our courses are designed to enable lecturers to effectively integrate Technology into the classroom, thereby engaging with all types of learners and matching course material to their individual learning needs. Such ICT integration also adds value to assessments, making them more effective and varied.

Put simply, Pearson's ICT courses support lecturers by enabling them to create vibrant, engaging, student centred, learning environments.

A product of the Pearson Lecturer Education and Leadership Academy

Established to help drive the professional development of South African educators, the Pearson Lecturer Education and Leadership Academy provides effective, research-based training programmes designed to transform the culture of teaching and learning in TVET Colleges. Pearson's Lecturer Academy focuses on equipping lecturers with practical knowledge and skills with the ultimate aim of helping learners to flourish.

More about Pearson ICT Training

Interactive, practical, face-to-face… and fun.

Our training is structured into two modular courses, both of which can be customised to meet the unique requirements of individual lecturers and their students.

ICT I Over six modules, this course introduces the use of Technology in the classroom and highlights the features, capabilities and benefits it offers lecturers and their students.

ICT II Over six modules, this course offers a more in-depth view and focuses on particular aspects of Technology in Education.

To ensure that the course material matches the needs of the participants and the college, the training includes a needs and knowledge assessment, which can be undertaken before the first module to assess the computer literacy and technology awareness levels of all delegates.

In addition to world-class, practical ICT insights, participants receive:

- A Participant Guide with valuable learning resources and sample documents; and

- Assorted Reference Materials including valuable information and guidelines, to be used during and after the training.

Course Overview

To experience the full benefit of the training, all modules of both courses should be undertaken in the recommended sequence. However, the modular design means the course can also be structured to meet the individual needs of lecturers or Colleges if required.

Each ICT in Education module provides 6 hours (1 day) of training.

Course 1 ICT in Education (Introduction)

Module 1   Introduction to technology as a teaching and learning tool

Session 1   Why is technology important to the 21st century classroom?
Session 2   Basic computer tools and their use the classroom
Session 3   Other computer tools
Session 4   When to use technology in the classroom
Session 5   How to use technology in the classroom

Module 2   Word-processing software as a teaching and learning tool

Session 1   What is word-processing software?
Session 2   Why use word-processing software
Session 3   Drafting with word-processing software: The basics
Session 4   Revising with word-processing software: Tools and extras
Session 5   Editing and publishing with word-processing software

Module 3   Presentation software as a teaching and learning tool

Session 1   What is presentation software?
Session 2   Visual learning tools (graphic organizers)
Session 3   Planning a presentation
Session 4   Creating a presentation
Session 5   Presenting a lesson

Module 4   Spreadsheet and drawing software as a teaching and learning tool

Session 1   What is spreadsheet software? Why use it?
Session 2   How to use spreadsheet software: The basics
Session 3   What else? Spreadsheet tools and extras
Session 4   What are drawing tools? – The basics
Session 5   How to use drawing tools and create graphic organizers

Module 5   The Internet as a teaching and learning tool

Session 1   Why use the internet in the classroom?
Session 2   What resources does the internet offer?
Session 3   How to use the Internet: Search basics
Session 4   When to consider internet safety and ethics
Session 5   Where to go on the Internet: The WebQuest Activity Model

Module 6   Managing a classroom that includes technology

Session 1   Organizing your classroom to incorporate computers
Session 2   Preparing for lessons that incorporate computers
Session 3   Managing groups for computer work
Session 4   Technology tools for managing classroom resources

Course 2 ICT in Education (Advanced)

Module 1   The Internet as a collaborative teaching and learning tool

Session 1   Why collaborate with the Internet?
Session 2   How do Internet tools support project-based learning?
Session 3   Google Drive and Google Docs: essential collaborative Internet tools
Session 4   Other collaborative Internet tools
Session 5   Collaborate in your classroom

Module 2   Online professional resources for teaching and learning

Session 1   How can I get more from the Internet?
Session 2   Why do I need a professional learning network?
Session 3   How do I find resources online and stay current?
Session 4   How do I connect to other Teachers?
Session 5   What is my PLN?

Module 3   Wikis as a collaborative teaching and learning tool

Session 1   Why collaborate with Wikis?
Session 2   The wonders of Wikis: getting started
Session 3   More Wiki features
Session 4   Blended and asynchronous Wiki activities

Module 4   Using audio and video technology to enhance teaching and learning

Session 1   What is audio and video technology? Why use it?
Session 2   How to use audio recording and editing software: The basics
Session 3   What else? Web-based audio tools
Session 4   How to use video recording technology: The basics
Session 5   How to design and record an audio- or video-based project

Module 5   Leveraging technology tools to improve student assessment

Session 1   The role of technology in assessment and evaluation
Session 2   Electronic Gradebooks
Session 3   Blogs as assessment tools
Session 4   Electronic Rubrics
Session 5   Using electronic surveys and game markers

Module 6   Using tablets to enhance teaching and learning

Session 1   Integrating tablets to support creativity in learning and classroom activities
Session 2   Android and iOS comparison (Tablet or iPad)
Session 3   Selecting and integrating Apps into classroom activities
Session 4   Using tablets to create media rich content
Session 5   Planning pedagogically sound interactive learning activities
Session 6   Using tablets to enhance communication

Contact us

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