

January 2023



Certificate in Technology Enhanced Teaching

Active Learning

Collaborative Learning

Constructive Learning

Authentic Learning

Goal-directed Learning



About this course

This **course** covers aspects of using technology within a teaching environment. It will give the participant an opportunity to explore, evaluate, improve, and implement strategies for using technology to enhance teaching and learning at all levels.

The course consists of five, 90-minute practical workshops, the content of which is drawn from the TIM (Technology Integration Matrix) model incorporating five interdependent characteristics of meaningful learning environments: active, collaborative, constructive, authentic, and goal-directed learning.

This course is relevant to practising teachers who currently use technology in the classroom, school leaders with a responsibility for curriculum resource development, learning technology leads, and others with an interest in the transformation of education using technology.

The course has been developed by experienced educators at TA with support from Professor Steve Molyneux, Microsoft Professor Emeritus of Advanced Learning Technology.

MODULE 1:
ACTIVE
LEARNING

MODULE 2:
COLLABORATIVE
LEARNING

MODULE 3:
CONSTRUCTIVE
LEARNING

MODULE 4:
AUTHENTIC
LEARNING

MODULE 5:
GOAL-DIRECTED
LEARNING

ASSESSMENT
SELF
EVALUATION





MODULE 1: ACTIVE LEARNING

Key Question

How can I use technology to increase student engagement?

Overview

As schools continue to expand the use of technology in the classroom, it is imperative to learn how to leverage these tools in an effective way to enhance student learning.

Objective

In this module, you will learn how to use technology to increase student engagement and foster a learning environment that encourages students to discover, process, and apply their learning with the aid of technology.





MODULE 2: COLLABORATIVE LEARNING

Key Question

How can I use technology to foster a collaborative learning environment?

Overview

Collaborative learning has been shown to not only develop higher-level thinking skills in students, but boost self-esteem and increase understanding of diverse perspectives.

Objective

In this module, you will explore how to foster a collaborative learning environment which can facilitate, enable, or enhance students' opportunities to work with peers and outside experts.





MODULE 3: CONSTRUCTIVE LEARNING

Key Question

How can I use technology to personalise learning?

Overview

Now more than ever, teachers and students should be leveraging technology to identify gaps in prior knowledge, close those gaps, and more efficiently make connections between prior knowledge and current curriculum topics.

Objective

In this module, you will explore how to foster a student-centric learning environment that allows students to use technology tools to connect new information to their prior knowledge.





MODULE 4: AUTHENTIC LEARNING

Key Question

How can I use technology tools to link learning activities to the world beyond the instructional setting?

Overview

By making teaching relevant and providing a 'real-world' context, you can create meaningful learning experiences for your students.

Objective

In this module, you will explore how to use technology tools to link learning activities to the world beyond the instructional setting, and how to relate learning to students' aspirations and interests.





MODULE 5: GOAL DIRECTED LEARNING

Key Question

How can technology be used to enable students to be truly independent learners?

Overview

Technologies have traditionally been used to support teachers' goals, but not those of learners.

Objective

In this module, you will explore how technology can be used to enable students to set their own goals, plan activities, monitor progress, and facilitate meaningful reflections.





FINAL ASSESSMENT

A key aspect of the course is the implementation of the strategies covered in each module and participants will be expected to document this implementation.

The final part of the course is a self-evaluation and assessment in the form of an e-Portfolio, personally assessed by experienced members of the TA Education team.

