

PROFESSIONAL DEVELOPMENT COURSES FOR TEACHERS AND PRINCIPALS IN BARBADOS

INNOVATION, DELIVERY OF DIGITAL EDUCATION AND USE OF ICTS

August 1-31, 2020

Sponsored by the Profuturo
Foundation, through the Organisation
of American States and the Ministry of
Education, Barbados

**FREE
ONLINE
SELF PACED
SHORT COURSES**



ABOUT PROFUTURO

ProFuturo is one of the largest digital education initiatives from Telefonica Foundation and la Caixa Foundation in Spain. Its overall objective is to provide quality and sustainable access to education in vulnerable areas throughout the world, through a digital and integrated educational solution. In June 2019, the Organization of American States (OAS), the Ministry of Education - Barbados and ProFuturo signed a Memorandum of Understanding to:

- improve quality and access to education delivered through digital means; and
- to provide teaching and learning methodologies designed to empower teachers and provide students with skills and competencies to prepare them for the future.

COURSE DESCRIPTIONS

There are 8 courses being offered to Public Primary & Secondary School teachers and Principals from August 1 – 31, 2020.

- Innovation - Basic Level
- Innovation - Intermediate Level
- Innovation - Advanced Level
- Innovation - Professional Level

- ICT - Basic Level
- ICT - Intermediate Level
- ICT - Advanced Level
- ICT - Professional Level

ABOUT THE COURSES

The disruption to the education sector due to COVID-19 has been unprecedented. The Government of Barbados was forced to close schools in mid March, just before the start of the Easter break and with no idea at that time whether normal schooling would resume in the near future. It meant that strategies would have had to be put in place immediately, planning therefore for the worst case scenario, that is, schools not reopening under normal conditions.

The Ministry of Education, Barbados envisions a new pedagogy transitioning from the blackboard to blended learning. It is recognized that early learners are being disadvantaged and not receiving the level of instruction they need under the "new normal".

Online teaching and learning is therefore being recommended by all education providers throughout the globe and to tackle these concerns the Ministry of Education Barbados has collaborated with ProFuturo and OAS to offer these eight short, online, self paced courses for primary and secondary school teachers throughout the island.

The courses introduce participants to the incorporation of various electronic devices, strategy for delivering digital education, learning by discovery and lesson planning in digital education from the basic level of understanding (use of automation in innovative teaching) to the professional understanding (the diverse options that virtual tools offer to support the teaching and learning process).

Each course is particularly tailored for teachers and principals of primary and secondary schools. It is flexible learning over a four-week period. Participants will have free access to the learning platforms with readings and videos. Participants will complete a self assessment at the end of each course. Successful participants who complete the course requirements will receive a Certificate of Achievement for each course.

Primary and Secondary School Teachers and Principals are encouraged to take these courses. Pre-requisites may be required for each Course level.

LEARNING OUTCOMES

In achieving all 8 courses, participants will learn:

- Digital literacy and basic automation to achieve innovative teaching practices
- Achieving ICT competence in the classroom
- ICT integration in teaching and learning

- Transforming learning and classroom management using online innovative educational experiences to basic mobile learning
- The changes in didactic programmes to satisfy the new needs of the students
- How Apps and Blogs can change the way students learn

INNOVATION BASIC LEVEL COURSE:

- The System of Innovation
- Mobile Learning
- The Finnish Model versus the Japanese Model and practices in teaching and learning

INNOVATION INTERMEDIATE LEVEL COURSE:

- Current trends in Educational Technology that can be applied in the classroom
- How to develop a teaching outline based on creative and innovative educational tools
- The role of the teacher in the 21st Century school
- Creativity in teaching method

INNOVATION ADVANCED LEVEL COURSE:

- Transforming the classroom through innovation
- The Finnish teaching model versus other teaching models
- The key agents of change and innovation in the classroom
- The characteristics of the 21st Century teacher
- The use of technology and applications for creativity, problem solving and improving social well being

INNOVATION PROFESSIONAL LEVEL COURSE:

- Analyzing various pedagogical methodologies
- The traditional school vs the 21st Century school
- How to design a pedagogical methodology that works for each teacher
- Applying innovative experiences in collective construction of a school project
- Stimulating change in teaching practices

ICT BASIC LEVEL:

Understanding the concept of ICT and integrating ICT in everyday life
The psychological effects of the information age
Promoting good practices through collaborative work
The relevance of educational models in the classroom

ICT INTERMEDIATE LEVEL:

- Practical applications for the use of ICT
- Integrating ICT into the classroom
- Networking for continuous training and professional development
- Lesson planning and project based learning

ICT ADVANCED LEVEL:

- The didactic uses of Google Drive and online applications to carry out educational experiences in the classroom
- To understand competency based evaluation and designing evaluation rubrics for an activity
- Adapting educational experiences to collaborative learning

ICT PROFESSIONAL LEVEL:

- Learning new concepts in a fun way
- Using gaming and collaboration in teaching