

University of Nicosia (UNIC) Pedagogical Model and Methodology for e-Learning

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Director, Faculty Training and Development Unit (FTDU)

2024

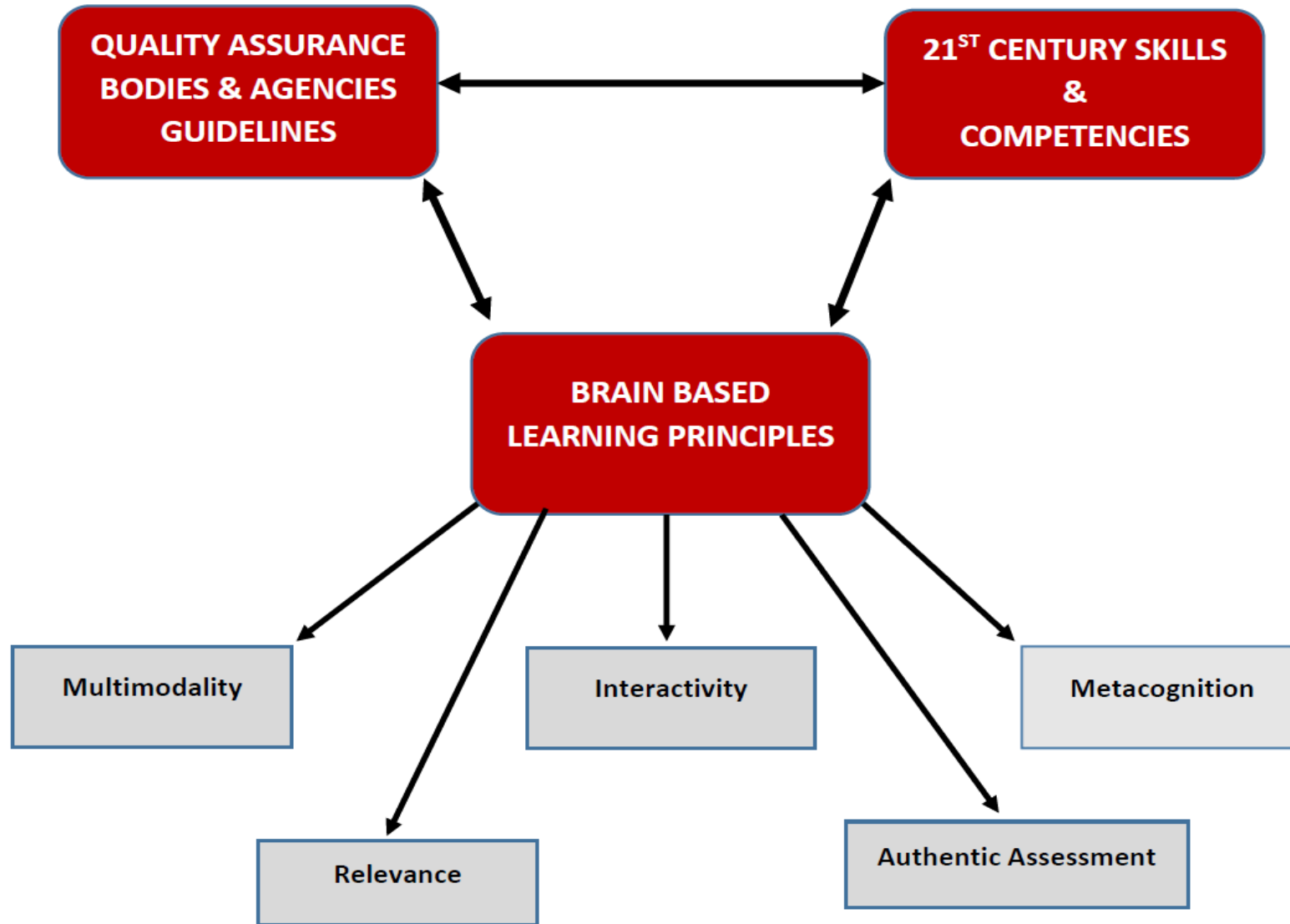
UNIC Pedagogical Model for e-Learning

Based on:

1. 21st Century Skills and Competencies
2. Brain Based Learning Principles
3. Guidelines by Quality Assurance Bodies and Agencies

NOTE: You can find the complete “UNIC Pedagogical Model for e-Learning” at

<https://www.unic.ac.cy/wp-content/uploads/2020/09/UNIC-Distance-Learning-Pedagogical-Model.pdf>



21st Century Skills & Competencies

Our model employs the 21st century skills framework, emphasizing:

- ▼ the high-level operational knowledge
- ▼ competencies and
- ▼ personality qualities.

Skills and competencies necessary to the 21st century citizen to survive and thrive.

Such skills are: scientific and technological literacy, problem solving, critical thinking, metacognition, ability to work collaboratively, think creatively, synthesize information.

Distributed Learning

Distributed learning is described as learning or education delivered anytime, anywhere, to multiple locations, using one or more technologies.

The core Internet and Web-based technologies we use:

- Learning Management System (Moodle)
- e-mail (Microsoft Outlook)
- Videoconferencing (Webex)
- UNIC and Distance Learning Websites
- UNIC Portal

Multimodality

Our course design leads students in various virtual places where they complete activities or interact with material or people (other students or the lecturers)

Examples of these multimodal experiences:

- ▶ Paper Text based material (i.e. books)
- ▶ Digital Text based material (i.e. e-books, websites, digital research articles)
- ▶ Online Presentations
- ▶ Videos
- ▶ Webinar style, video conferencing
- ▶ Interactive quizzes
- ▶ Discussion forums (or fora)
- ▶ Wikis etc.

Interactive and Collaborative tools

Interactivity

The dialogue and interaction between the lecturer and the student is central to learning process.

Types of interaction:

- ▼ Student-to-teacher
- ▼ Student-to-student
- ▼ Student-to-content

Interactive and Collaborative tools

Interactive Tools in Moodle:

- ▼ Discussion Forums/Fora
- ▼ Wikis
- ▼ Multimedia presentations
- ▼ Interactive timelines
- ▼ Interactive Quizzes etc.

Course Delivery

1. Synchronous communication and teaching
2. Asynchronous communication and teaching

1. Synchronous communication and teaching

- ▼ Group Video Conference sessions
- ▼ Individual/ one-to-one Video Conference sessions

1. Synchronous: Video Conference (Webex)

The screenshot displays the Cisco Webex Meetings interface. At the top, the title bar reads "Cisco Webex Meetings (Moderated unmute mode)" with a "Meeting Info" button and a "Hide Menu Bar" option. Below this is a menu bar with "File", "Edit", "Share", "View", "Audio & Video", "Participant", "Meeting", "Breakout Sessions", and "Help". A status bar indicates "Speaking: Andreas Monoyios, Georgia Christodoulou...". The main area shows a grid of 11 video feeds. The bottom toolbar includes icons for "Unmute", "Stop video", and other controls. On the right, a "Participants (11)" panel lists participants: Christos Anagiotos (Host, me), Georgia Christodoulou (Cohost), Andreas Monoyios, and Annalisa Quattrocchi. Below this is a "Chat" panel with a message from Georgia: "Georgia mou, I will assign you as host".

Cisco Webex Meetings (Moderated unmute mode) Meeting Info Hide Menu Bar

File Edit Share View Audio & Video Participant Meeting Breakout Sessions Help

Speaking: Andreas Monoyios, Georgia Christodoulou...

Layout

Participants (11)

Search

CA Christos Anagiotos Host, me

GC Georgia Christodoulou Cohost

AM Andreas Monoyios

AQ Annalisa Quattrocchi

Mute all Unmute all

Chat

Georgia mou, I will assign you as host

To: Everyone

Enter chat message here

Unmute Stop video

1. Synchronous: Video Conference (Webex)

You're sharing your screen ▾ 🔍 ⏸ ⏹ Stop ↻

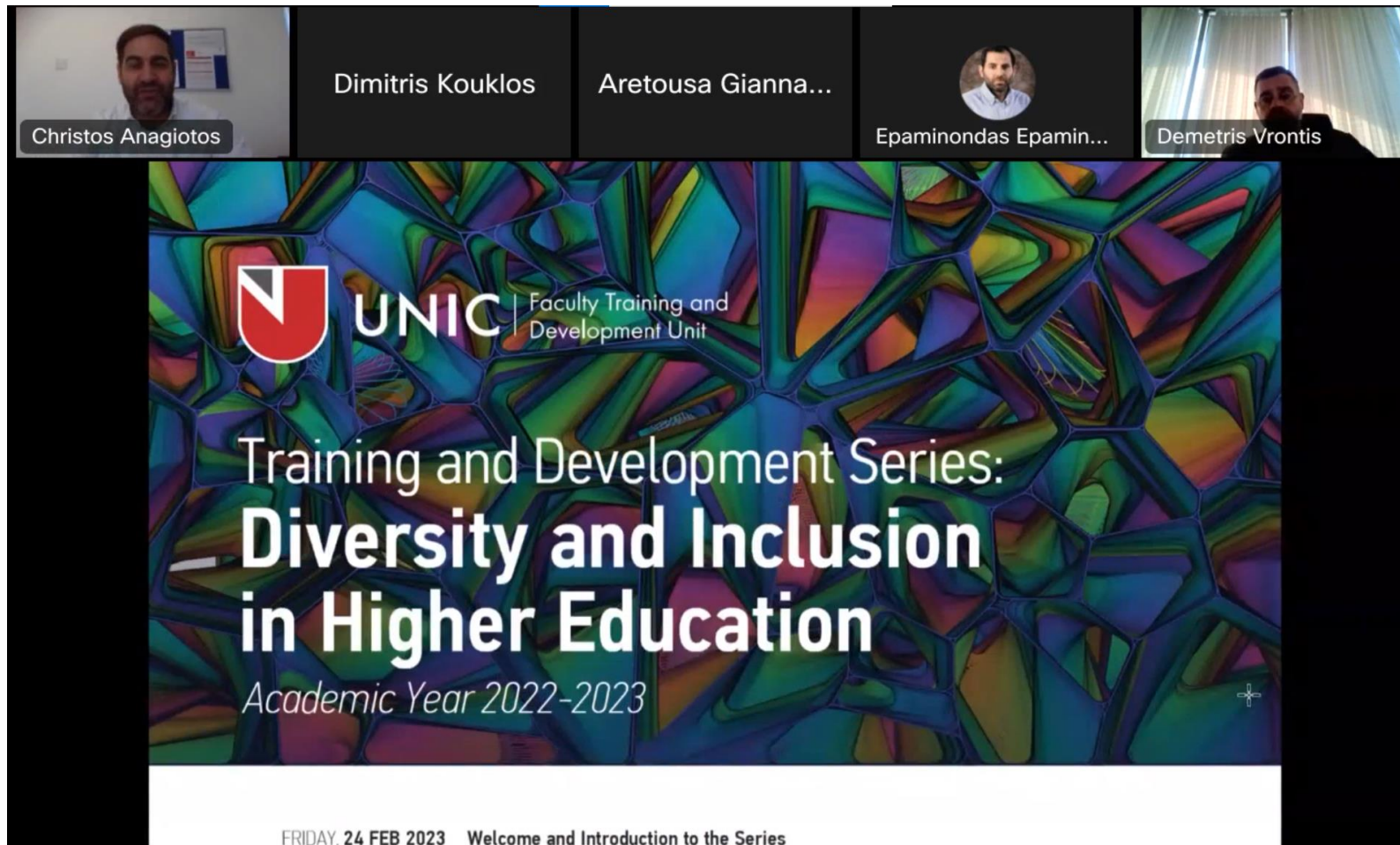
The basic ideas behind OER

The diagram illustrates the concept of Open Educational Resources (OER). A central computer monitor displays the OER logo (three overlapping circles) and the text "open educational resources". Dashed lines connect the monitor to four educational institutions: two universities and two schools. A Wi-Fi symbol is also present next to the monitor.

Speaking:

Anagiotos Christos (Host, me) ⌵

1. Synchronous: Video Conference (Webex)



2. Asynchronous communication and teaching

We use:

- ▼ Moodle LMS (Learning Management System)
- ▼ Text based material (eBooks, articles, lecture notes etc.)
- ▼ Video and audio material
- ▼ Interactive and Collaborative tools (i.e. wikis, discussion forums, interactive quizzes)

2. Asynchronous: Learning Management System (Moodle)

Course: MOS-520 (Section 01) A x +

courses.unic.ac.cy/course/view.php?id=37648

UNIVERSITY of NICOSIA

Home Dashboard My courses Site administration Lecturers v

Finish update

Edit mode

MOS-520 (Section 01) A Sweeping History of the Greeks from the Olympics of 776 BC to the First Modern Olympic Games

MOS520-01-copy

Course Settings Participants Grades Question bank More v

> **General** Expand all

WEEK 1

Week 1 - The historical context of the First Olympics (776 BC)

Scope, Learning Objectives and Outcomes View

Course Contacts

Teacher

Marios Hatzopoulos

Avra Xepapadakou

Teleconference Noticeboard

Webex

General

COURSE DESCRIPTION

Study Guide

Course Glossary

Course Forum

Student Chat

Digital Library

Please click HERE to FOLLO...

Check your Assignment for...

Harvard Referencing 1

Harvard Referencing 2

Final Exam Instructions

WEEK 1

Student Assessment and Grading

1. Summative Assessment:

- ▼ Final exam: 60% of final grade
- ▼ Activities and Projects: 40% of final grade

2. Feedback/Formative Assessment/Continuous Assessment

Student Assessment and Grading

1. Summative Assessment: Final exam 60% of final grade

- ▼ **Final exam:** Synchronous Online Invigilated

- ▼ **Software used: Proctorio (proctorio.com):**

Combines screen recording, video-audio recording of student, lock screen and other features.

Student Assessment and Grading

1. Summative Assessment: Activities and Projects 40%

- ▼ **Weekly Activities:** Discussion Forums, Wikis, Interactive Quizzes, Critical Evaluation papers, Reflection papers etc.
- ▼ **Other Forms of Assessment:** projects, research papers, portfolios etc.

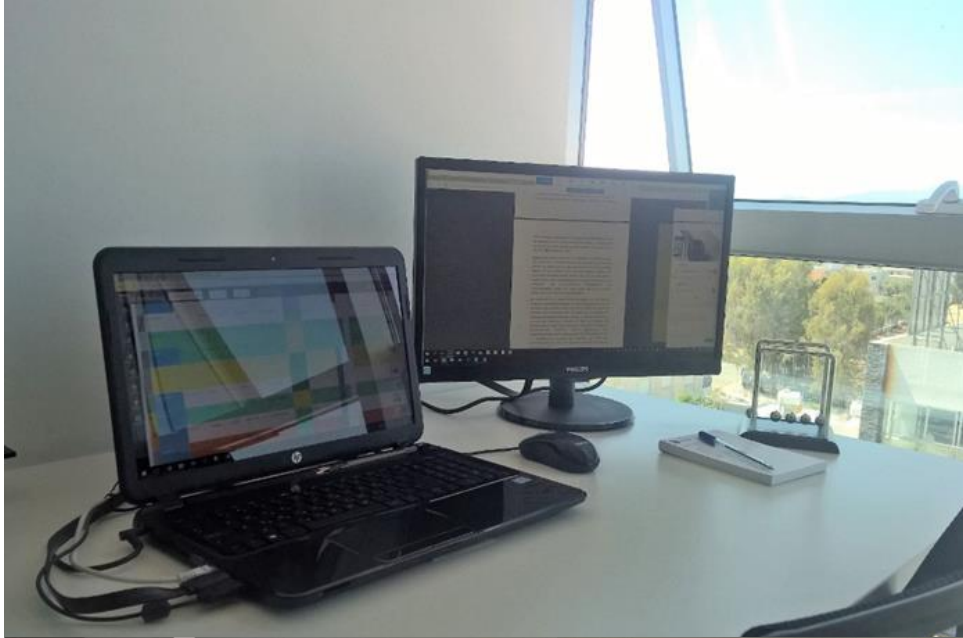
Student Assessment and Grading

2. Feedback/Formative Assessment/Continuous Assessment

- ▼ Provide clear feedback to each student through:
 - weekly activities and
 - before and after the submission of any course projects/papers.
- ▼ Offer review-quizzes in Moodle that automatically give students immediate feedback.
- ▼ Provide online office hours and be available to meet/talk to students via telephone, WebEx, MS Teams etc.
- ▼ Track student progress regularly to identify and assist at-risk students promptly.
- ▼ Encourage students to refer to the Moodle progress reports to track their own progress.



Training & Support



Student Training & Support

1. Induction courses
2. Software training (i.e. virtual trainings, Moodle tours, video tutorials)
3. Detailed documents of course expectations (i.e. Course Outlines, Assessment Guides, Study Guides)
4. Support of students' diverse needs
5. Administrative support services (i.e. registration, financial inquiries, advising)
6. Helpdesk/One-to-one support (DLA: Distance Learning Admin, OLSU: Online Learning Support Unit)
7. Monitoring students' academic progress

Faculty Training & Support

Faculty Training and Development Unit (FTDU):

Umbrella unit that coordinates all faculty training and support activities

1. Faculty Pedagogical Support

- Pedagogical Support Unit (PSU)
- eLearning Pedagogical Support Unit (ePSU)
- Technology Enchanted Learning Centre (TELC)

2. Faculty Technical Support

- Online Learning Support Unit (OLSU)

Types of Faculty Training

1. Faculty Pedagogical Training

Faculty Professional Development Seminar on Teaching and Learning

2. Faculty Research Training

Research Skills Development Programme:

Offers training on Conducting Research, Publishing, Grant Writing, Ethics in Research etc.

3. Faculty Technical Training

Training on the use of the Learning Management System (Moodle), Teleconferencing System, Interactive Software, Video Production, Multimedia, Collaboration Software etc.

4. Training & Development on Current Topics in Higher Education

- 2021-2022: Health and Safety, GDPR, Faculty Welfare etc.
- 2022-2023: Diversity, Equity and Inclusion
- 2023-2024: Building a Respectful and Mindful Community

Research Skills Development Programme

Academic Year 2022 – 2023

- FRIDAY, 04 NOV 2022
10:00-12:00 **Conducting a literature search using UNIC Library Resources & using Refworks**
Georgia Christodoulou, *European Documentation Centre (EDC) Manager and Reference Librarian, Library & Information Centre*
- FRIDAY, 18 NOV 2022
10:00-12:00 **Research Philosophy, Methodology and Methods**
Prof. Rudi Kaufmann, *Department of Management, School of Business*
- FRIDAY, 02 DEC 2022
10:00-12:00 **Practical Grant Writing Tips**
Prof. Charalampos Vrasidas, *Executive Director, Cardet & Department of Education, School of Education*
- FRIDAY, 16 DEC 2022
10:00-12:00 **Disruptive technologies, personal data protection, and the digital organisation of the Enterprise**
Dr. Dimitrios Koukiadis, *Department of Law, School of Law*
- FRIDAY, 13 JAN 2023
10:00-12:00 **EU Horizon Projects: Challenges, Opportunities and Guidelines for Submission of Funded Research Proposals**
Prof. Dimitris Drikakis, *Vice President for Global Partnerships & Executive Director, Research and Innovation Office*
Theodoros Millidonis, *Head of Research Administration, Research and Innovation Office*
- FRIDAY, 27 JAN 2023
10:00-12:00 **Writing a PhD Thesis**
Prof. Nuno Ferreira, *Department of Social Sciences, School of Humanities and Social Sciences*
- FRIDAY, 10 FEB 2023
10:00-12:00 **Introduction to the Code of Practice and Regulations for Doctoral Programmes**
Prof. Demetris Vrontis, *Vice Rector for Faculty and Research*
- FRIDAY, 24 FEB 2023
10:00-12:00 **Structural Equation Modelling using Smart PLS**
Dr. Alex Zarihs, *Department of Management, School of Business*
- FRIDAY, 10 MAR 2023
10:00-12:00 **Managing your Research Profile - Scopus, Pure, ORCID**
Theodora Petrou, *Research Liaison Librarian, Library*
Elina Stepanyan, *Library Assistant, Library*

For More Information:

Office of the Vice Rector for Faculty and Research
vrfr.office@unic.ac.cy



UNIC

Faculty Training and
Development Unit

Training and Development Series: Diversity, Equity and Inclusion in Higher Education

Academic Year 2022-2023

- FRIDAY, 24 FEB 2023**
12:00-14:00 **Welcome and Introduction to the Series**
Prof. Demetris Vrontis, *Vice Rector for Faculty and Research, UNIC*
Dr. Christos Anagiotos, *Director, Faculty Training and Development Unit, UNIC*
Diversity, Equity and Inclusion in Higher Education
Dr. Lefki Kourea, *Associate Professor, Department of Education, UNIC*
Christina Hadjisoteriou, *Associate Professor, Department of Education, UNIC*
- FRIDAY, 17 MAR 2023**
10:00-12:00 **Removing Barriers to Learning: Tools and Strategies**
Dr. Andri Vrioni, *Head, Pedagogical Support Unit, UNIC*
- FRIDAY, 31 MAR 2023**
10:00-12:00 **Adaptations and Accommodations for Diverse Learners in Higher Education**
Dr. Lefki Kourea, *Associate Professor, Department of Education, UNIC*
Dr. Argyro Fella, *Lecturer, Department of Education, UNIC*
- FRIDAY, 28 APR 2023**
10:00-12:00 **Scaffolding Cultural Diversity and Inclusion in the University Classroom**
Dr. Christina Hadjisoteriou, *Associate Professor, Department of Education, UNIC*
- FRIDAY, 12 MAY 2023**
10:00-12:00 **Gender and Sexuality: Diversity and Inclusion in the Workplace**
Prof. Constantinos Phellas, *Senior Vice Rector, UNIC*
- THURSDAY, 18 MAY 2023**
10:00-12:00 **Human Rights of Persons with Disabilities and Disability Etiquette**
Prof. Marios Constantinou, *Department of Social Sciences, UNIC*
Dr. Lefki Kourea, *Associate Professor, Department of Education, UNIC*
- TUESDAY, 23 MAY 2023**
12:00-14:00 **Effective Teaching and Support of Students from Low Socioeconomic-Status (LSES) Background**
Dr. Christina Hadjisoteriou, *Associate Professor, Department of Education, UNIC*

For More Information:

Faculty Training and Development Unit (FTDU) ftdu@unic.ac.cy

The Series is offered in collaboration with the Office of the Vice Rector for Faculty and Research.



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Faculty Professional Development Seminar on Teaching and Learning Theory and Practice

▼ The seminar is offered by:

- ▼ e-Learning Pedagogical Support Unit (ePSU)
- ▼ Pedagogical Support Unit (PSU)
- ▼ Technology Enhanced Learning Centre (TELC)
- ▼ School of Education

▼ Seminar Format:

- ▼ The seminar is divided in 12 weekly workshops
- ▼ Each workshop is 3 hours long
- ▼ Total length of the seminar: 36 hours
- ▼ It includes theoretical and practical (application of theory) elements
- ▼ The successful completion of the seminar leads to a Professional Development Certificate

Faculty Professional Development Seminar on Teaching and Learning Theory and Practice

▼ Topics covered per workshop:

- ▼ **Week 1:** Developing Descriptors of Learning in the 21st century
- ▼ **Week 2:** Cognitive and neuroscience research: Implications for education and learning
- ▼ **Week 3:** Developing a course with critical and creative focus
- ▼ **Week 4:** Including students with diverse needs in a university classroom
- ▼ **Week 5:** Developing effective learning environments
- ▼ **Week 6:** Project and Problem Based Learning

Faculty Professional Development Seminar on Teaching and Learning Theory and Practice

- ▼ **Week 7:** Online Learning and Adult Education
- ▼ **Week 8:** Measuring learning outcomes using Authentic Assessment in online and face-to-face courses
- ▼ **Week 9:** Using video and multimedia in online courses
- ▼ **Week 10:** Using interactive and collaborative tools in online learning
- ▼ **Week 11:** : Effective use of Learning Management Systems (LMS) in an online course
- ▼ **Week 12:** Library Resources & Open Educational Resources (OER)

Faculty Support Documents

1. Pedagogical Model for e-Learning

<https://www.unic.ac.cy/wp-content/uploads/2020/09/UNIC-Distance-Learning-Pedagogical-Model.pdf>

2. DL Faculty Handbook

Faculty Guidelines for the Development and Delivery of Distance Learning Courses

- ▼ General Guidelines
- ▼ Course Design Guidelines
- ▼ Course Delivery Guidelines
- ▼ Distance Learning Faculty Trainings

Thank you!

Christos Anagiotos, PhD

Director, eLearning Pedagogical Support Unit (ePSU)

Director, Faculty Training and Development Unit (FTDU)

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