



**Erasmus+ Programme (ERASMUS)**  
**(ERASMUS-EDU-2022-CBHE-STRAND-1)**  
**Managerial And GoverNance Enhancement through Teaching**  
**(101083006 —MAGNET)**



**MAGNET**  
Managerial And GoverNance Enhancement through Teaching

*<Development of MOOC's>*

*<D3.2 / D10>*

*DIMOKRITIO PANEPISTIMIO THRAKIS (1-DUTH)*



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# Introduction

*Teaching development programs in the form of seminars, workshops and/or lectures structured as learning units/modules to fulfill faculty and teaching staff needs on teaching and learning in HE, regarding the fields of curricula and teaching design, assessment, cultivation of critical thinking and soft skills, use of ICT and digital tools, virtual environments etc. In all languages plus English*

*Massive Open Online Courses (MOOCs) developed by the 12 consortium partners in the MAGNET project play a pivotal role in achieving its overarching goals. These courses are specifically designed to address the diverse and evolving needs of higher education institutions, focusing on enhancing teaching and learning practices. The MOOCs are tailored to faculty and teaching staff, offering structured programs that include seminars, workshops, and lectures presented as modular learning units. These units provide in-depth training on critical areas such as curriculum and teaching design, assessment methodologies, fostering critical thinking and soft skills, and the integration of ICT, digital tools, and virtual environments into pedagogical practices.*

*The development of these MOOCs in multiple languages ensures accessibility and inclusivity across different cultural and linguistic contexts within the partner institutions and their regions. By doing so, the MAGNET project effectively addresses the specific needs of teaching staff in diverse higher education settings, enabling them to enhance their teaching effectiveness and align with modern educational paradigms. The importance of MOOCs within the MAGNET project lies in their capacity to standardize and disseminate best practices in teaching and learning across the consortium. They serve as a flexible, scalable, and sustainable platform for professional development, allowing faculty to engage in self-paced learning while gaining valuable insights and competencies. The collaborative development of MOOCs by the 12 partners ensures that these resources reflect a wide range of expertise and perspectives, enriching the content and ensuring its relevance to a broad audience.*

*In terms of contribution, the MOOCs are instrumental in achieving MAGNET's results by fostering innovation in teaching methodologies and equipping educators with the tools to adapt to rapidly changing educational landscapes. They support the project's goals of advancing student-centered learning, promoting digital transformation in higher education, and fostering an international and collaborative academic environment. Furthermore, the successful implementation of MOOCs demonstrates the consortium's commitment to leveraging technology to overcome barriers and provide high-quality educational resources, thereby creating a lasting impact on higher education practices.*



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# MAGNET MOOC platform

Massive Open Online Courses (MOOCs) are addressed to a large number of learners who can attend them asynchronously and at their own pace. In the MAGNET project, the OpenEdX open-source platform was selected for this purpose, which is designed exclusively for offering MOOCs courses. The platform offers:

1. Personalized access
2. Secure connection (https)
3. Multiple courses
4. Tailor-made material
5. Video lectures with multilingual subtitles
6. Quizzes
7. Exercises
8. Forum
9. Monitoring of progress by teachers
10. Reports on student assessment
11. Usage reports

The screenshot shows the MAGNET MOOC platform interface. The header features the MAGNET logo, navigation links for 'Courses' and 'Discover New', a 'Help' link, and a user profile icon. The main section is titled 'My Courses' and displays a list of four courses. Each course entry includes a thumbnail image, the course title, the institution, the start date, and a button to either 'View Course' or 'Resume Course'. A search bar is located on the right side of the 'My Courses' section.

Course Title	Institution	Start Date	Action
Introduction to University Pedagogy	duth - upen	Started - Jan 1, 2025	View Course
Εισαγωγή στην Πανεπιστημιακή Παιδαγωγική	duth - upgr	Started - Jan 1, 2025	Resume Course
Образователни иновации и тенденции в обучението по дентална медицина	mup - eitdi-bg	Started - Nov 11, 2024	View Course
Mastering Medical Education: Strategies for Effective Teaching and Learning	logos - mmesetl	Ended - Dec 1, 2024	View Archived Course

## Installation and operation

The installation of the platform took place in a virtual machine on a server of the Democritus University of Thrace and was given the URL <https://magnet-moocs.mbg.duth.gr>. The server has a



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connection speed of 10Gbps to the Internet to ensure its fast response. The option to install the platform on a server of the Democritus University of Thrace helps reduce installation and maintenance costs as well as ensure the continuity of the platform's operation even after the end of the program. In addition, the option of installing it in a virtual machine offers flexibility, as it is possible to upgrade the features of the server if required and transfer it to another server to have this need, without disrupting the operation of the platform.

### **MOOC Platform Administration**

The server is managed by DUTH IT Manager and includes:

- Installation and update of OS
- Installing and updating the OpenEdx platform
- Backup
- Support of technical managers of the collaborating Institutions

### **Collaborating Institutions**

Each partner institution appointed one or more administrators for its courses. Online seminars took place to support them. Each member

- Assign a person responsible for the platform
- Create a MOOC for a special topic about their university (e.g. medical teaching, lab teaching etc.)
- Videos and other teaching material are in native language and in English (captions, other material)



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Content

## Course Outline

[+ New Section](#)

[Reindex](#)

[↑ Collapse All Sections](#)

[View Live](#)

Start Date

Jan 01, 2025 at 00:00 UTC

Pacing Type

Self-Paced

Checklists

3/9 completed

Course Highlight Emails

[Enable Now](#)

[Learn more](#)

**Creating your course organization**

You add sections, subsections, and units directly in the outline.

Create a section, then add subsections and units. Open a unit to add course components.

**Reorganizing your course**

Drag sections, subsections, and units to new locations in the outline.

[Learn more about the course outline](#)

**Setting release dates and grading policies**

Select the Configure icon for a section or subsection to set its release date. When you configure a subsection, you can also set the grading policy and due date.

[Learn more about grading policy settings](#)

**Changing the content learners see**

To publish draft content, select the Publish icon for a section, subsection, or unit.

### Professional Development in academia

[Section Highlights](#)

Professional Development in acad...

[+ New Subsection](#)

### International Trends on Teaching and...

[Section Highlights](#)

International Trends on Teaching a...

[+ New Subsection](#)

### Educational approaches/strategies for...



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## Training - Material

To familiarize the partners with the platform, distance training seminars took place and user guides were produced to help the administrators to create the online courses.

Also, relevant issues for the development of MOOCs were discussed during the face-to-face meetings (Tirana – Mitrovica).



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[Course](#)
[Progress](#)
[Dates](#)
[Discussion](#)
[Instructor](#)

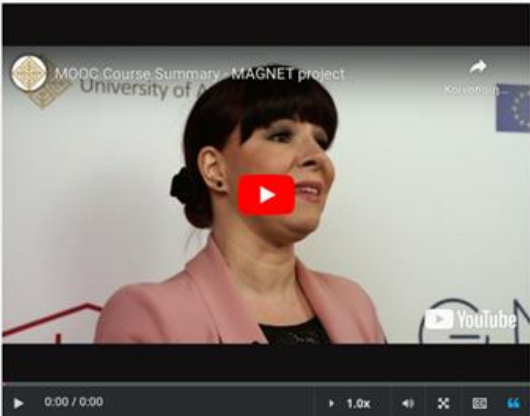
[Course](#) / masmedijskih poruka - Development of critical thinking : / masmedijskih poruka - Introduction to Development of critic

[< Previous](#)
[Next >](#)

### Uvod u kurs (video)/ Introduction to Course (video)

[Bookmark this page](#)

#### Course Introduction




Start of transcript. Skip to the end.

Welcome to the course - Strengthening of critical thinking and criteria by boosting the skills of decoding mass media messages among pedagogues

This course is intended for pedagogues and research students who want to improve their skills in decoding mass media messages, develop mass media and digital literacy, learn about the postulates and effects of mass media and audience theory as key factors in the formation of critical thinking and criteria for pedagogues.

The focus of the course is - media

[< Previous](#)
[Next >](#)


**MAGNET**  
Management and Governance Enhancement through Teaching

duth: UP101  
**Introduction to University Pedagogy**

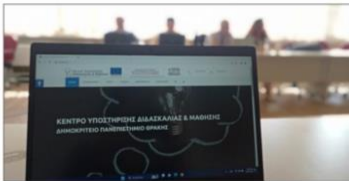
[Explore courses](#)

[Register](#)
[Sign in](#)

## Introduction to University Pedagogy

duth

[Enroll Now](#)



#### About This Course

Learning Circle INTRODUCTION TO UNIVERSITY PEDAGOGY for faculty members and teaching staff, aims at promoting University Pedagogy and creating a community of learning, innovation and continuous improvement of the teaching work at a Higher Education Institute (HEI). Modules are designed to support teachers to reflect on their professional development, to record their needs, to acquire and exchange good learning and teaching practices, to develop and implement modern and effective educational actions, with the utilization of ICT within teaching in university courses.



Course Number	UP101
Classes Start	Jun 1, 2025



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View this course as: **Staff**

View course in: **Studio**

[Course](#) [Progress](#) [Dates](#) [Discussion](#) [Instructor](#)

[Course](#) / [Introduction](#) / [Introduction Educational Innovations and Trends in Dentistry Education](#)

[Previous](#)

[Next](#)

## 1.1. Introduction Educational Innovations and Trends in Dentistry Education

[Bookmark this page](#)

Video



[STAFF DEBUG INFO](#)

### 1.1 Introductions

Welcome to Educational Innovations and Trends in Dentistry Education!

This course is created for academic staff as part of an international project 'The Managerial And Governance Enhancement through




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# MAGNET MOOCs Courses

The partners have created online courses depending on their university specialization. The topics of the courses are from various scientific fields such as:

- Adult education
- Training in Health Personnel
- Educational Tools
- Natural science
- Inclusive education
- Communication
- Economic

 **MAGNET**  
Managerial and Governance Enhancement through Teaching


Explore courses


Register

Sign in


## Welcome to MAGNET

*It works! Powered by Open edX®*







uab  
DCT101  
Development of critical thinking and criteria by boosting the skills



upat  
SCAL  
Students' Characteristics as Adult Learners



ibcm  
NM  
New Media



uamd  
EAU101  
Europeanization of Albanian Universities - From EU legislation



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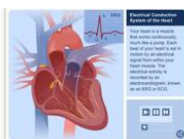
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unsa  
ache

RUBRICS - Assessment of complex assignments in higher education

Starts: Jul 1, 2024



unsa  
SMTC

Software / multimedia as teaching content

Starts: Jul 1, 2024



mup  
eitdi

Educational Innovations and Trends in Dentistry Education

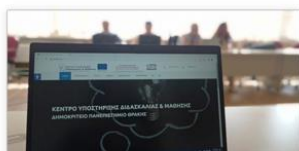
Starts: Jul 1, 2024



mup  
eitdi-bg

Образователни иновации и тенденции в обучението по дентална медицина

Starts: Nov 11, 2024



duth  
UP101

Introduction to University Pedagogy

Starts: Jun 1, 2025



uamd  
TSSSN

Teaching Strategies for Students with Special Needs

Starts: Jan 1, 2030



udg  
aitp

AI in teaching process (Primjena AI u nastavi)

Starts: Jan 1, 2030



unibl  
CIAUT101

Communication and Inclusive Approach in University Teaching

Starts: Jan 1, 2030



up  
HS

Hartimi i Syllabusit

Starts: Jan 1, 2030



up  
ITHE

Inclusive Teaching in Higher Education

Starts: Jan 1, 2030



up  
MIAL

Mësimdhënia Inklusive në Arsimin e Lartë

Starts: Jan 1, 2030



up  
SD

Syllabus Design

Starts: Jan 1, 2030

## DIGITAL MARKETING

seeu  
DM101

Digital Marketing

Starts: Jan 1, 2024



see  
BL101

Beyond the Lecture: Using Multimedia: A Teacher's Guide to Engaging Higher Education Classes

Starts: Apr 2, 2024



logos  
UMTPHE

Using models in teaching physics in higher education

Starts: Jun 10, 2024



logos  
mmesetl

Mastering Medical Education: Strategies for Effective Teaching and Learning

Starts: Sep 1, 2024



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## Viewing 19 courses

Search for a course



unibl  
CIAUT101  
Communication and Inclusive  
Approach in University Teaching

Starts: Jan 1, 2030

### DIGITAL MARKETING

seeu  
DM101  
Digital Marketing

Starts: Jan 1, 2024



uab  
DCT101  
Development of critical thinking  
and criteria by boosting the skills  
of decoding media messages  
among pedagogues

Starts: Mar 11, 2024

#### Refine Your Search

##### modes

audit 19

##### org

up 4

duth 2

mup 2

uamd 2

unsa 2

edX 1

ibcm 1

logos 1

seeu 1

[More](#)

language

Kahoot!



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## MAGNET MOOCS Platform Registered Users

The platform is open and free of charge. Almost 200 users have already registered.

LMS Administration

WELCOME, KALTSID VIEW SITE / LOG OUT

Home > Authentication and Authorization > Users

AGREEMENTS

Integrity signatures + Add

API\_ADMIN

Api access configs + Add

Api access requests + Add

ASSESSMENT

Assessment feedbacks + Add

Assessments + Add

Peer workflows + Add

Rubrics + Add

Shared file uploads + Add

Staff workflows + Add

Team staff workflows + Add

Select user to change

Action: ▾  0 of 200 selected

USERNAME	EMAIL ADDRESS
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<input type="checkbox"/> Au	u-
<input type="checkbox"/> Al	l-
<input type="checkbox"/> Al	l-
<input type="checkbox"/> al	l-
<input type="checkbox"/> al	l-
<input type="checkbox"/> al	l-
<input type="checkbox"/> Al	l-
<input type="checkbox"/> ar	r-
<input type="checkbox"/> ar	r-

FILTER

By staff status

All

Yes

No

By superuser status

All

Yes

No

By active

All

Yes

No

By groups

All

AGREEMENTS		
Integrity signatures	<a href="#">+ Add</a>	
API_ADMIN		
Api access configs	<a href="#">+ Add</a>	
Api access requests	<a href="#">+ Add</a>	
ASSESSMENT		
Assessment feedbacks	<a href="#">+ Add</a>	
Assessments	<a href="#">+ Add</a>	
Peer workflows	<a href="#">+ Add</a>	
Rubrics	<a href="#">+ Add</a>	
Shared file uploads	<a href="#">+ Add</a>	
Staff workflows	<a href="#">+ Add</a>	
Team staff workflows	<a href="#">+ Add</a>	
AUTHENTICATION AND AUTHORIZATION		
Groups	<a href="#">+ Add</a>	



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AUTHENTICATION AND AUTHORIZATION			
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AGREEMENTS			
Integrity signatures	+ Add		
APL_ADMIN			
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Team staff workflows	+ Add		
AUTHENTICATION AND AUTHORIZATION			
Groups	+ Add		



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AUTHENTICATION AND AUTHORIZATION		
Groups	+ Add	

Assessments	+ Add	
Peer workflows	+ Add	
Rubrics	+ Add	
Shared file uploads	+ Add	
Staff workflows	+ Add	
Team staff workflows	+ Add	
AUTHENTICATION AND AUTHORIZATION		
Groups	+ Add	
Users	+ Add	
BADGES		
Badge Classes	+ Add	
Badge assertions	+ Add	
Course complete image configurations	+ Add	
Course event badges configurations	+ Add	



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Assessments + Add

Peer workflows + Add

Rubrics + Add

Shared file uploads + Add

Staff workflows + Add

Team staff workflows + Add

AUTHENTICATION AND AUTHORIZATION

Groups + Add

Users + Add

BADGES

Badge Classes + Add

Badge assertions + Add

Course complete image configurations + Add

Course event badges configurations + Add

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200 users



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# Conclusion

The development and implementation of MOOCs within the MAGNET project represent a significant achievement in advancing teaching and learning practices across higher education institutions. These courses were meticulously designed to address the specific needs of faculty and teaching staff, providing them with the knowledge and skills required to adopt innovative and student-centered approaches. By focusing on critical areas such as curriculum design, assessment strategies, critical thinking cultivation, and the integration of ICT and digital tools, the MOOCs align with the project's objectives to modernize education and promote excellence in teaching.

The multilingual nature of the MOOCs ensures inclusivity and broad accessibility, allowing participants from diverse cultural and academic backgrounds to benefit from these resources. Their modular design offers flexibility and scalability, empowering educators to engage in professional development at their own pace and according to their individual needs.

This deliverable contributes significantly to the overall success of the MAGNET project by providing a robust foundation for continuous learning and improvement among teaching staff. It supports the project's vision of fostering collaboration, innovation, and digital transformation in higher education. Furthermore, the MOOCs serve as a testament to the consortium's dedication to creating sustainable and impactful tools that can be utilized beyond the project's duration, ensuring a long-term legacy in the higher education sector.



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