



Digital teaching and learning at V. N. Karazin Kharkiv National University

Valeriia KOCHORBA

PhD in Economics, Associate Professor,
Department of Banking Business and Financial
Technologies



Distance Learning supported by:

Institute of Postgraduate Education

- teacher training and advanced training (specialization) in postgraduate education programs



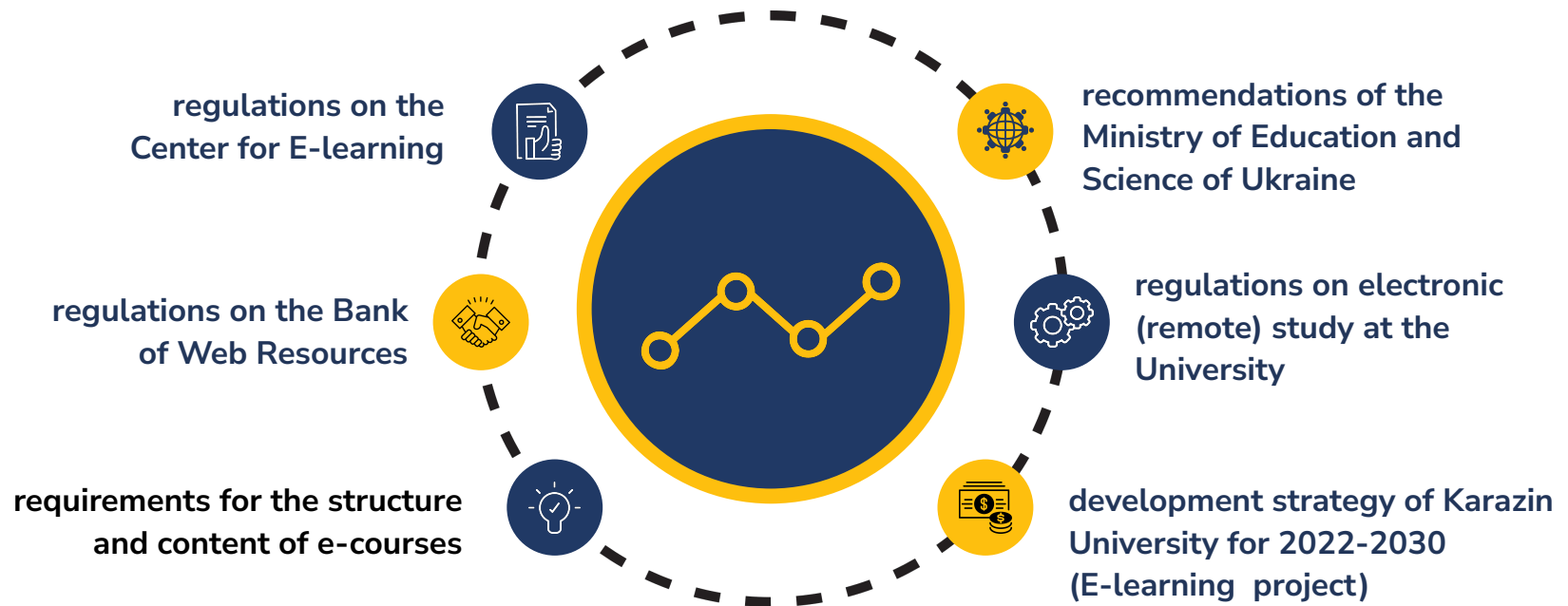
Center for E-Learning

- Moodle
- university video channels
- Open courses
- e-learning quality assurance

Web Communications Center

- Google services: @karazin.ua, Cloud storage, Google Classroom;
- Zoom

E-learning guided by:



Technical Facilities

Server: Intel Xeon E5620 (2.40Ghz)

16 cores and communication channels:

a fiber optic channel (**WNet Ukraine**):
main channel - up to 1000 mb/s
a spare one (university Internet) - up to 100 mb/s



moodle

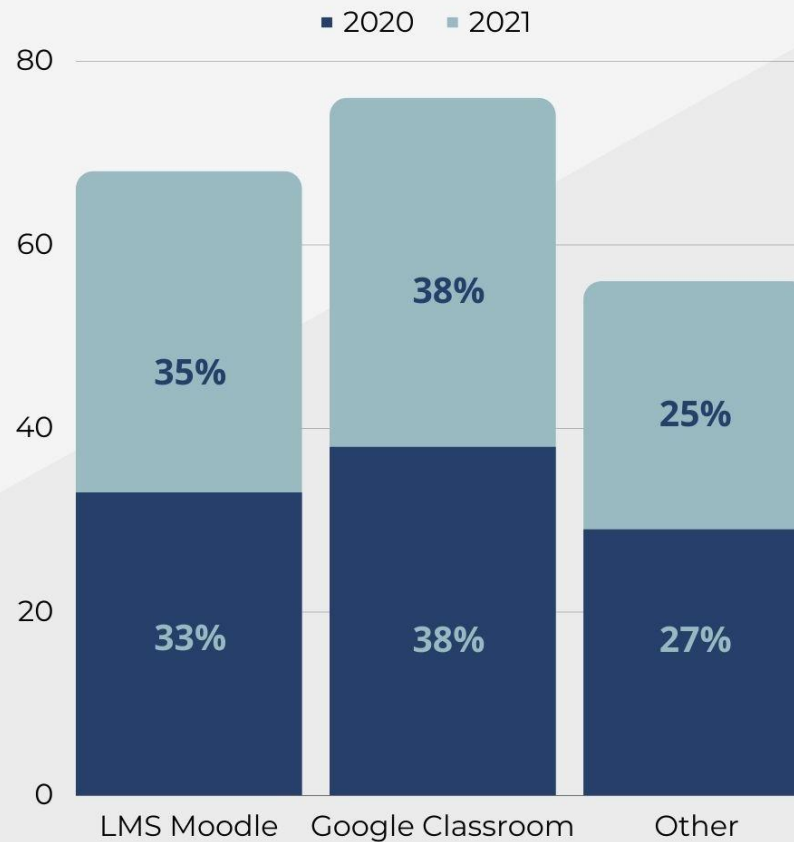


amazon
web services

Digital Resources

- LMS Moodle
- Google Classroom
- Zoom digital platform
- **Cloud storage:** @karazin.ua,
Google services

**LMS
PLATFORMS
(2020 AND 2021)**



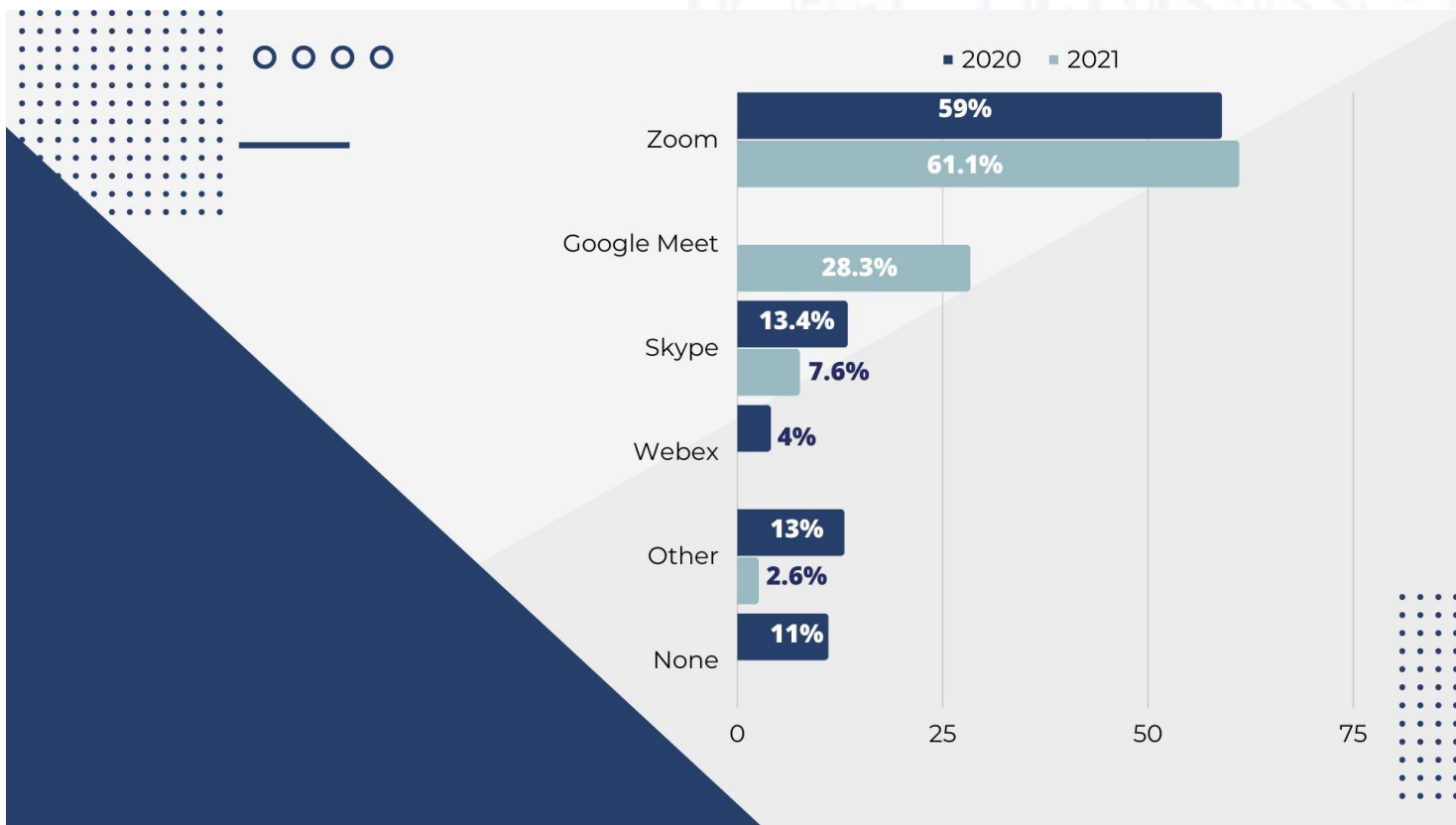
Technologies used for Distance Learning at Karazin University



Google Classroom

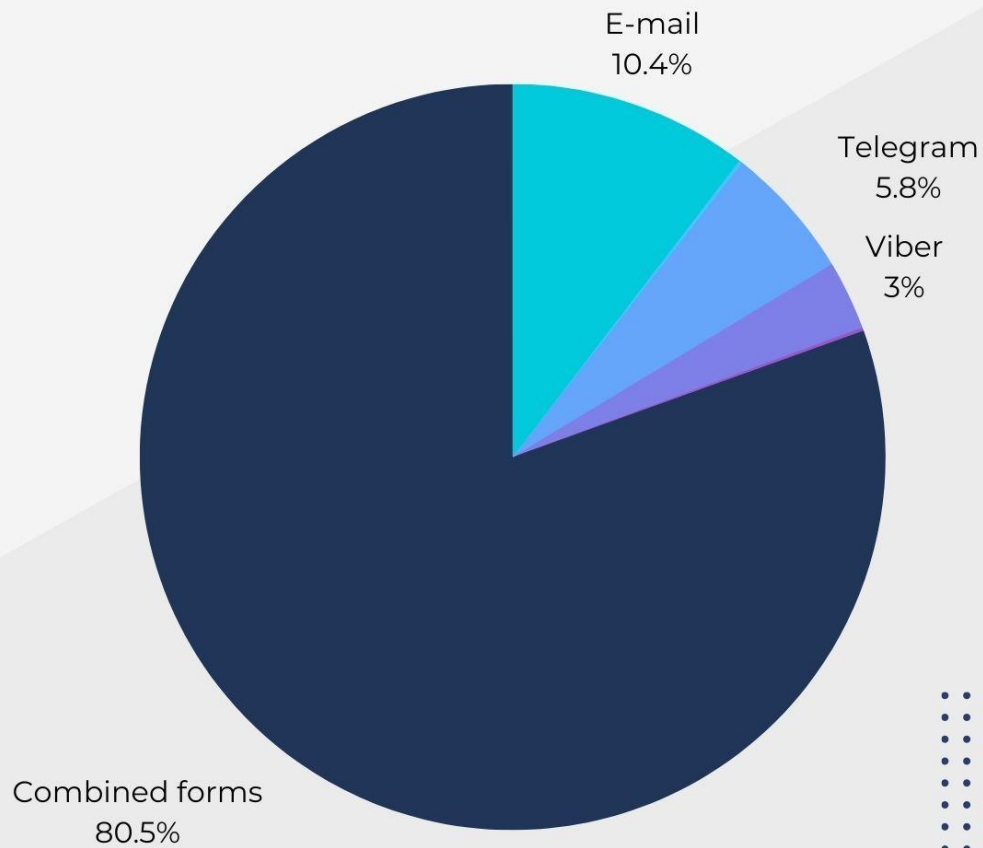


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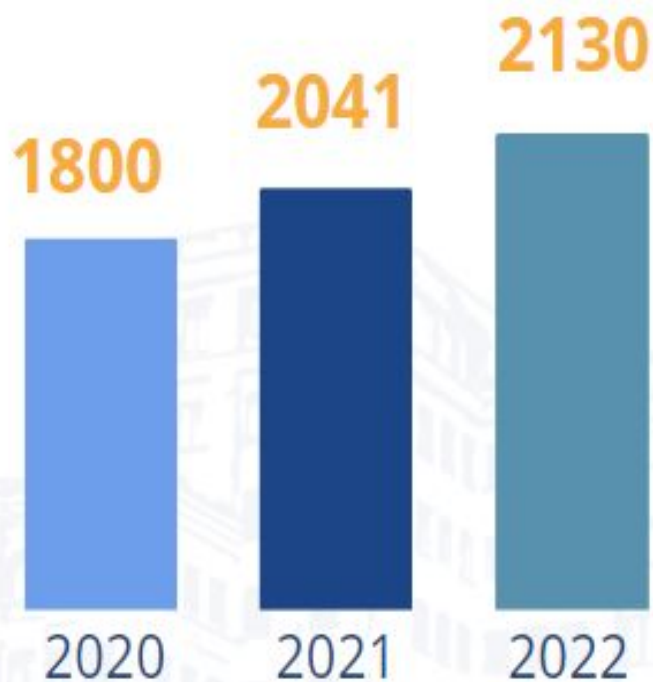




**MESSENGERS
(2020-2021)**



Distance learning courses:



971 lecturers of distance courses

231 educational programs

16308 learners

673 distance courses for part-time students

1457 distance courses for full time students

DISTANCE LEARNING IMPLEMENTED FOR:



Advanced training courses for research and teaching staff



Support of the educational process for full-time and part-time students



Annual Rector's assessment



Advanced training courses for teachers



Final semester control in distance format



Attestation exams



Professional entrance tests for master's degree in education



All-Ukrainian Student Olympiads



All-Ukrainian Student Internet Olympiad in Economics

Create a course. Step by step

- Create a course structure



Edit ▾

Name of the course

Instructional section

+ Add an activity or resource

+ Topic 1. Name of the topic 

Edit ▾

+ Add an activity or resource

+ Topic 2. Name of the topic 

Edit ▾

+ Add an activity or resource

+ Final control 

Edit ▾













+ Add an activity or resource

Create a course. Step by step

- Create a instructional section

Name of the course

Instructional section


- +  Absract  Edit ▾
- +  Purpose and goals of the course  Edit ▾
- +  Structure of the academic discipline  Edit ▾
- +  Calendar thematic plan  Edit ▾
- +  Program  Edit ▾
- +  Literature  Edit ▾

+ Add an activity or resource


Create a course. Step by step

- **Creating themes and lectures.**

✚ Topic 1. Name of the topic  Edit ▾

✚  Lecture 1. Title of the lecture  Edit ▾


✚  Lecture 2. Title of the lecture  Edit ▾

✚  Lecture 3. Title of the lecture  Edit ▾

[+ Add an activity or resource](#)

✚ Topic 2. Name of the topic  Edit ▾

✚  Lecture 4. Title of the lecture  Edit ▾










✚  Lecture 4. Title of the lecture  Edit ▾

[+ Add an activity or resource](#)












Create a course. Step by step

Creation of knowledge control elements

- ✚ Topic 2. Name of the topic 
- ✚  Lecture 4. Title of the lecture 
- ✚  Test. Lecture 4 
- ✚  Lecture 4. Title of the lecture 
- ✚  Assignment. Topic 2 

Creation of final control

- ✚ Final control 
- ✚  Exam Guidelines 
- ✚  Exam questions 
- ✚  Example of the exam card 
- ✚  Exam 

Examples of distance courses

OCCUPATIONAL DISEASES



- Title page
- Annotation
- Purposes of the Discipline
- Work Program of the discipline "OCCUPATIONAL DISEASES"
- Structure of the Course
- System of Evaluation
- Referencies
- Glossary

Practical Class 2

Practical class 2. Pneumoconiosis

- [Practical class 2. Pneumoconiosis](#)
- Dust
- Silicosis and silicotuberculosis in India
- Spirometry
- Methodical Recommendations. Class 2.
- Video. Clinical picture: Digging into coal workers pneumoconiosis
- Test 2

Examples of distance courses

Final module control



CLARIFICATION FOR THE FINAL MODULE CONTROL

Hidden from students



Final Module Control Test

Here are 80 questions, you need to choose one option from each question. The pass level is 48. Good luck!



video consultation

Hidden from students



Examples of distance courses

Information and cyber security of a modern enterprise: provisioning and modeling ✍



Before learning the materials of the Topic 1, please, answer the question by the link 1.1. bellow.

-  1.1. Answer the question in AnswerGarden (one word, which is associated with the "information security")

Learn the materials of the book "Topic 1. Information and cyber security of a modern enterprise: provisioning and modeling" and the presentation "Topic 1. Presentation" and solve the test 1.2. and do the task 1.3.

-  Topic 1. Information and cyber security of a modern enterprise: provisioning and modeling

-  Topic 1. Presentation

-  1.2. Solve the test

-  1.3. Combine types of cyber security models with possibilities and features of application in correct way

Watch the video by the link below and answer the question "Why is cybersecurity important in business?" in the task 1.4.

-  A Brief Explanation of Cybersecurity and Why It Is Important in Business

-  1.4. Answer the question



Examples of distance courses

Software Engineering

Coach: Zaretska Iryna

Coach: Chernyshova Nataliia

 Organizational Discussion

 Course questions

 Announcements

Introduction

Introduction

 What is Software Engineering (SE)?

 Typical formal definitions of SE

 Main documents

Course materials

Software Life Cycle

Topic 1. Software Life Cycle (SLC). ISO\IEC 12207

 Software Life Cycle (SLC). ISO\IEC 12207

 Organizational discussions

SLC models

Topic 2. SLC models

 Software Life Cycle (SLC). ISO\IEC 12207

 Organizational discussions



Current issues



At the level of teaching staff

teachers overloaded with extensive tasks

demand for regular update of skills in e-course development and e-course management

low quality educational content

in e-learning



At the level of students

insufficient communication

overload with a large number of different video communication platforms used by teachers

technical problems



DEFEP



Distance Education for Future:
best EU practices in response
to the requests of modern higher
education seekers and labor
market

DEFEP Project

Supported by the European Union
Erasmus+ Programme with the consortium
of 10 university partners from Ukraine,
Moldova, Germany, Spain and Italy

Project implementation period:
1.01.2023 - 31.12.2025

01

Creation of structural
subdivisions in HEIs partners
of the distance education

02

Creation of a training product
for the distance education
training

03

Development and
methodological support of
educational courses

04

Creation of laboratories for
the distance education

05

Pilot launch of distance learning MA
program at KGNU: "Financial technologies
and banking management", specialty 072
"Finance, banking and insurance"

EXPECTED RESULTS

Project *4EU+ for Ukraine* is organised at the University of Warsaw within 4EU+ Alliance.

Project is financed by the National Agency for Academic Exchange of the Republic of Poland.

