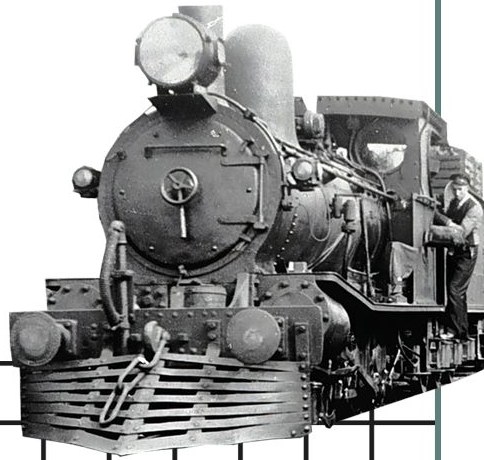
E-learning process and challenges during the war

ISTU
international scientific & technical university



Content

1. What platform do we use?
2. How it works?
3. Administration process
4. Study process during the war period
5. Training courses for educators
6. Non-formal education for students
7. Other digital tools

WHAT PLATFORM DO WE USE?

ISTU uses **the Google Workspace for Education**. This LMS provides great learning opportunities for our students and lecturers. Using this platform, we can fully manage the learning process and provide high quality online education.

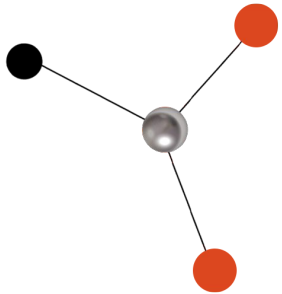
Starting date - March, 2020.

Google Workspace for Education

Features

- **Simple administration process**

Our team can create **organisational units** and **groups** within our domain. We have structured online system for students, lecturers and administrative personnel to comply with ISTU's internal organisational structure.



- **Collaboration and shareability**

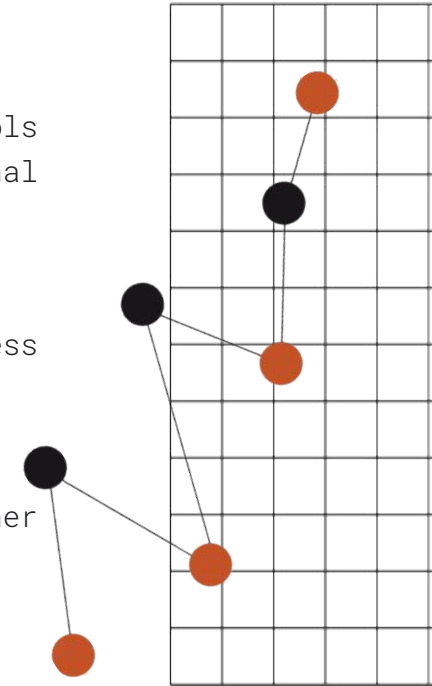
Possibility to use different devices, applications and online tools for collaboration and optimisation of educational and operational processes.

- **Access rights**

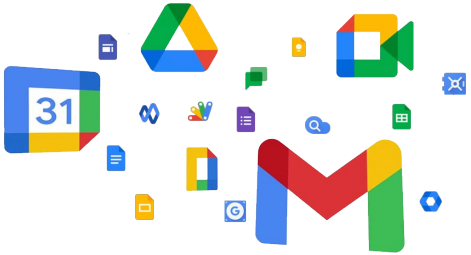
Administrative staff, lecturers and students have different access rights for Google applications (Classroom, Meet, Drive).

- **Availability of applications and tools**

Classroom, Jamboard, Meet, Drive, Docs, Forms, Chat and other additional extensions for Google Chrome.



Google Workspace for Education applications:



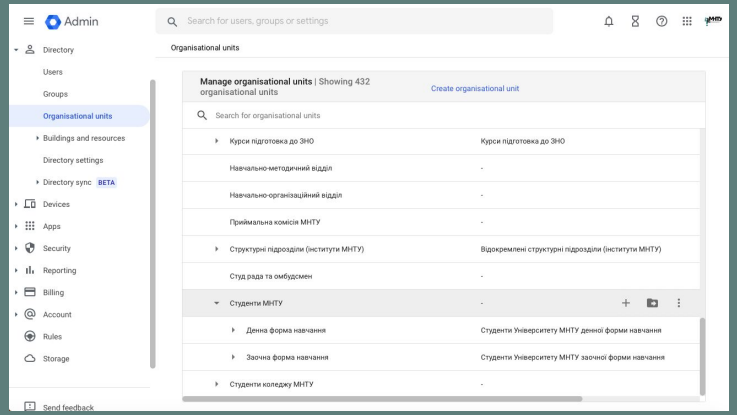
Classroom
Course feed, assignments and feedback (comments), easy grading, communication, direct Meet link, preparation of materials in advance, privacy.

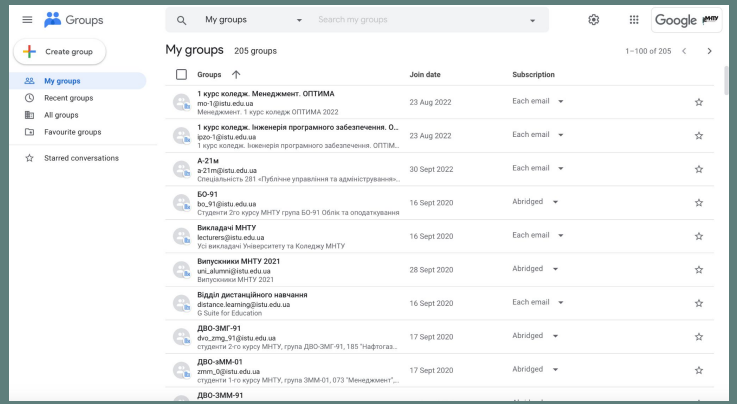
Meet
Online real-time video lectures, up to 100 students (free edition)/ Simple and practical functionality, integration with Jamboard, chatting.

Jamboard
Digital interactive whiteboard
Usability online when using Meet, duplication per each student as home assignments.

Chat
Communication, task assignments, control.

Drive, Docs and Forms
Storage, collaboration, shareability, quizzes, online and offline access.



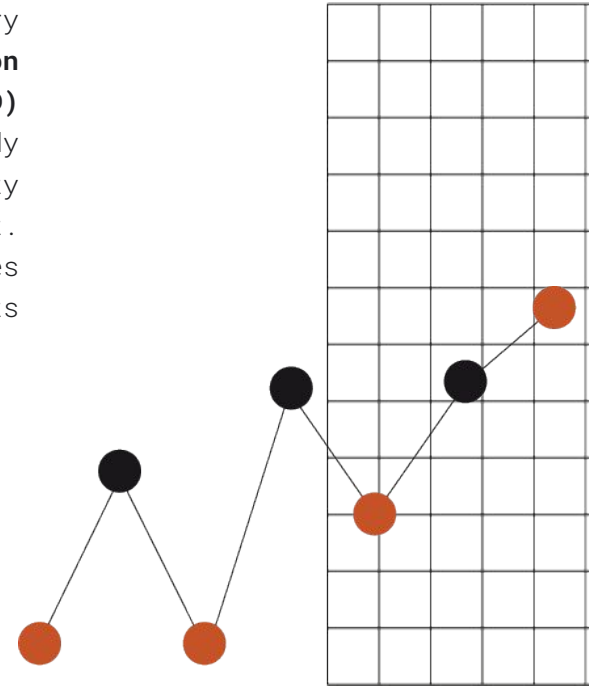


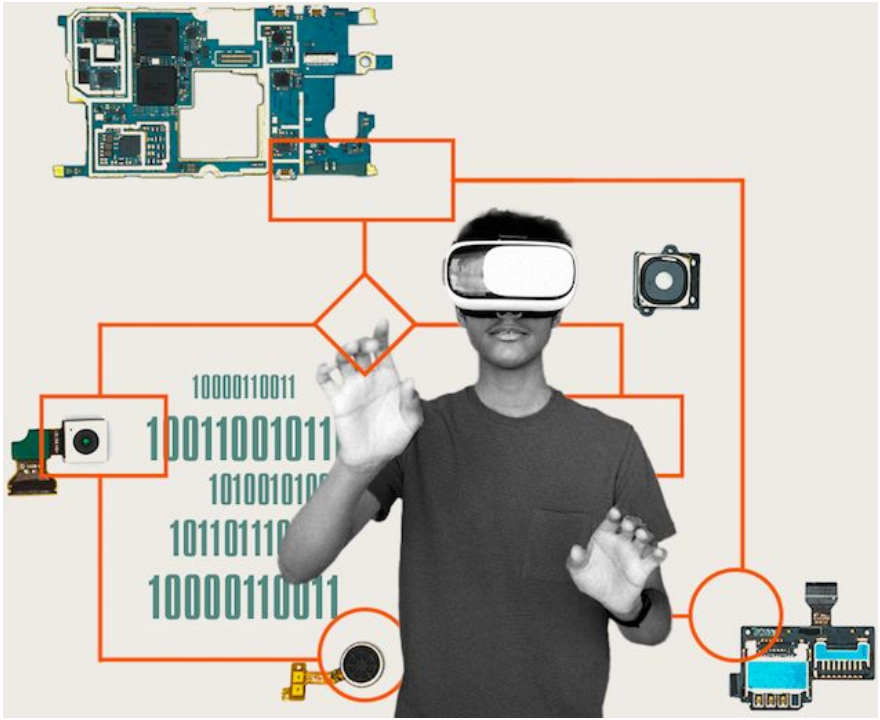
HOW IT WORKS

The application with **organisational units** and **groups** allows our university team to create organised work for everyone.

ISTU has **organisational units** for each faculty, operational department of the University, and students of each year of study and study programme, Bachelor's, Master's and PhD degrees, full and part time.

Groups are created for each group of college, university and preparatory courses. ISTU also has the **Education Quality Assurance Department (EQAD)** that monitors availability of study materials and assignments, quality and delivery of educational content. This Department also provides support and assistance for students and lecturers when needed.





ADMINISTRATION PROCESS

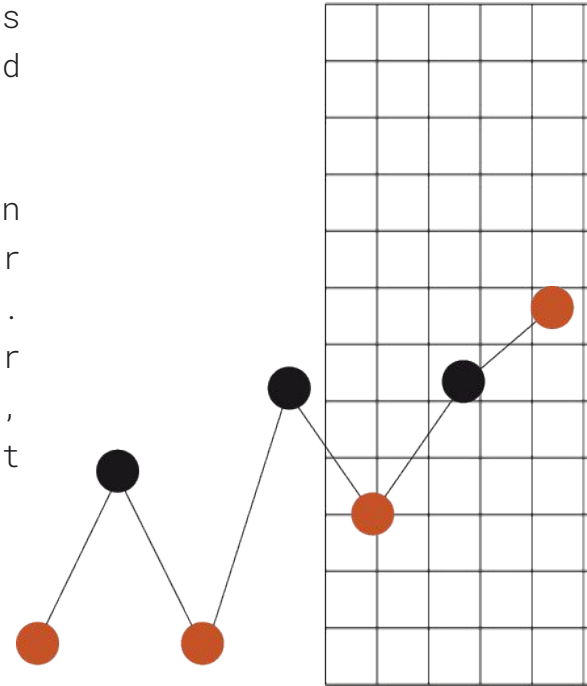
ISTU has fully functioning system with organisational units, groups, 5000+ domain user accounts, 600+ Classrooms each year.

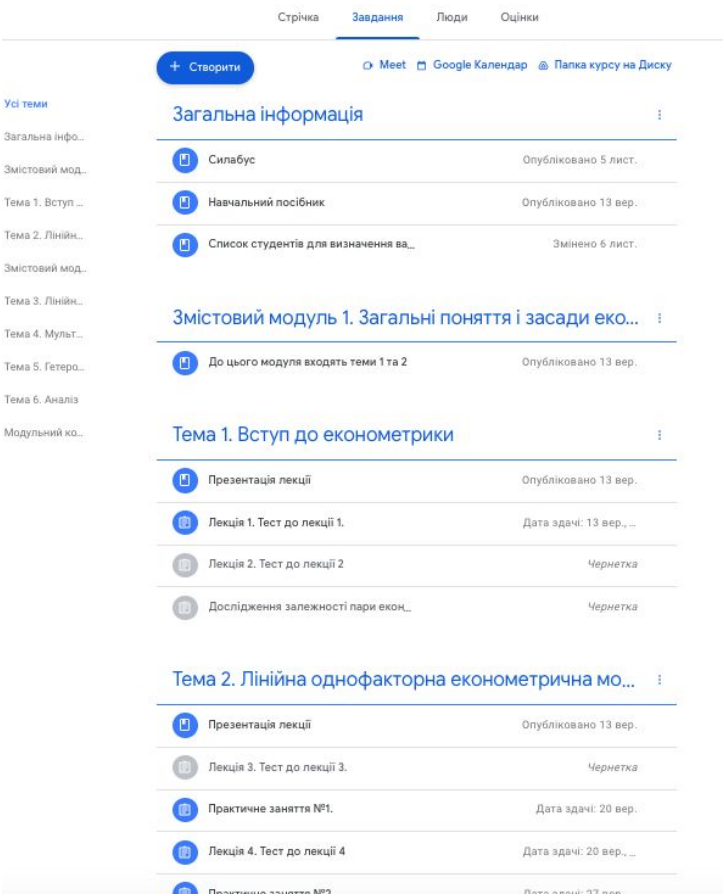
Support team:

- 5 admins for ISTU and our structural subdivisions (3 Institutes);
- 2 persons from EQAD.

Each student has a corporate personal account (Gmail, Drive, Docs, Calendar, Keep and other useful apps), connected to the relevant Google Classrooms and chats with the administration, supervisor and classmates.

Administrators regularly edit information about the student's status, whether she/he is studying or on academic leave. Administrators creates Classrooms for each study programme and join students, lecturer and one member of the Support team.





STUDY PROCESS DURING THE WAR PERIOD

During the war, we foster intensive implementation of **asynchronous online teaching**, which includes full availability of study materials necessary for learning in Classroom: syllabus, lecture materials and assignments with a scheduled date and time for publication.

Lecturers started to recorder their lectures using **Screenity** extension for Chrome, and upload them to Classrooms. Some educators launched their YouTube study channels with recorded classes.

Home
Shorts
Subscriptions

Library
History
Your videos
Watch Later
Liked videos
Відео-інструкції

Subscriptions
Міністерство циф...
Олег Гороховский
IT Ukraine Assoc...
EdEra
UNIT. City Ukraine

Сергій Миколайович Коваленко

@user-hc9xo9fo9g

Subscribe

HOME VIDEOS PLAYLISTS COMMUNITY CHANNELS ABOUT

Uploads ▶ Play all

Test multykolinearnist1

3 views • 1 day ago

multukolineanist2

11 views • 9 days ago

multykolinearnist

11 views • 2 weeks ago

Vybir factoriv

11 views • 3 weeks ago

Created playlists

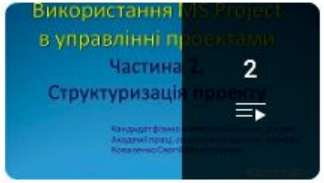
Економетрика

Updated 3 days ago

View full playlist

Лекції GDTfE

View full playlist



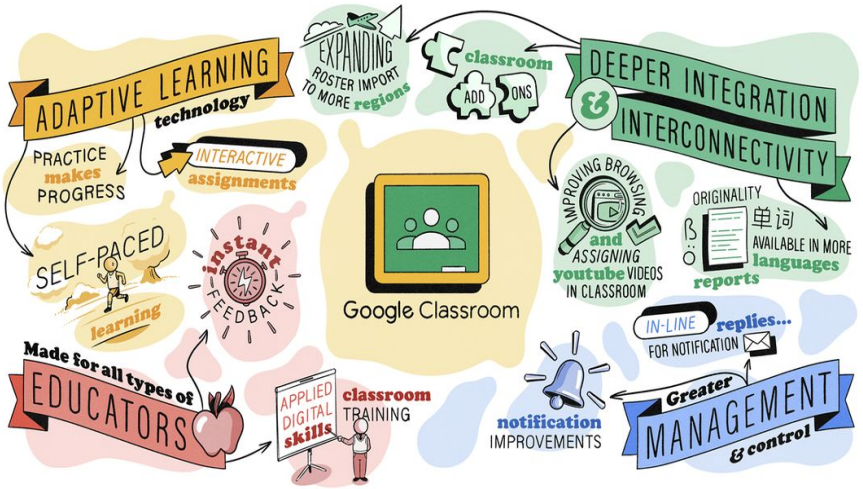
Управління проєктами

View full playlist

Students can complete assignments at a convenient time when they are in a safe place, have electricity and stable internet connection.

Lecturers set up prolonged task deadlines which eliminates extra pressure and stress on students.

A generator and Starlink were installed at ISTU to ensure an uninterrupted study process. The University has electricity and internet connection via traditional and satellite providers.

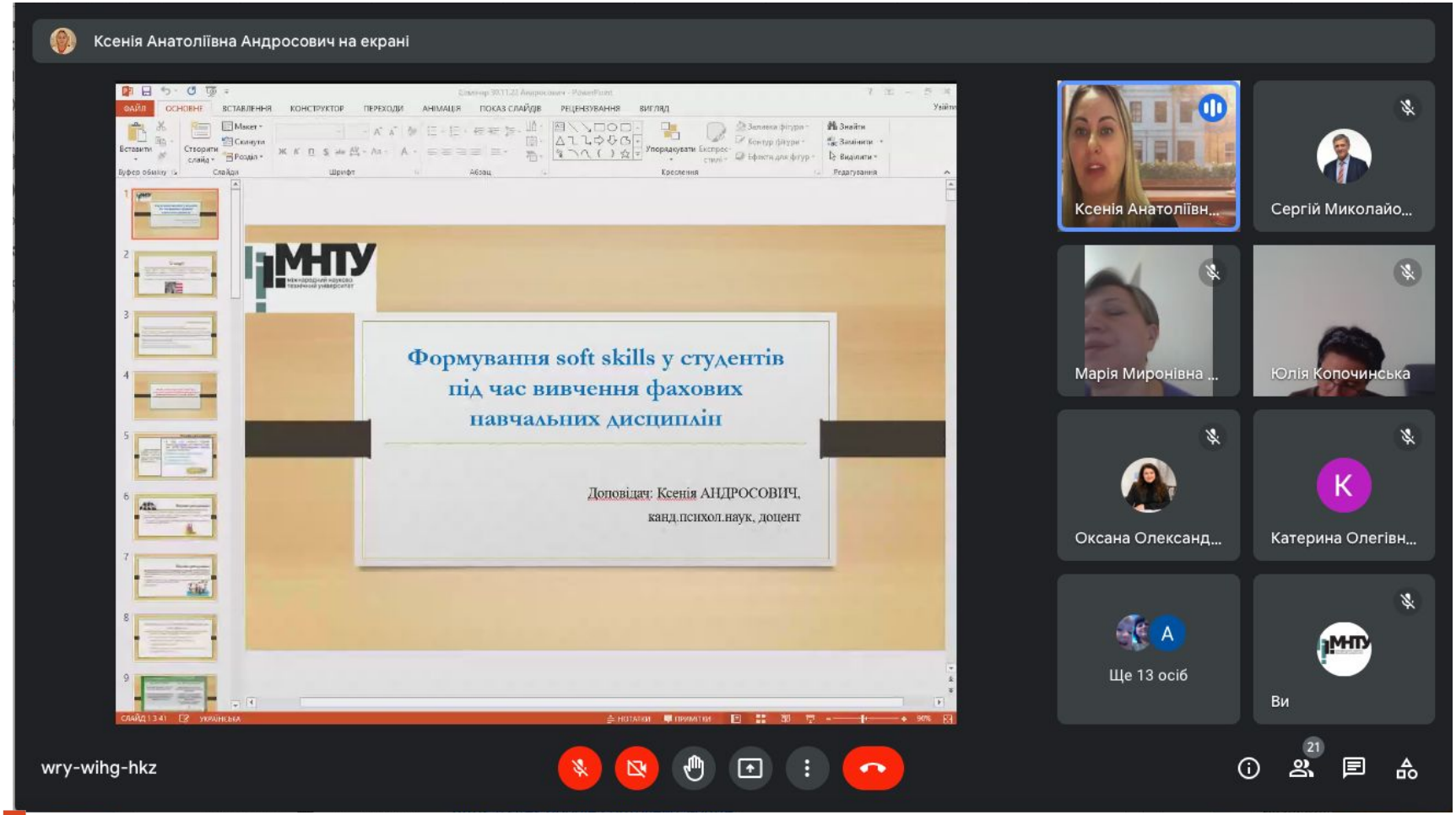


TRAINING COURSES FOR EDUCATORS

Every lecturer attended **Google “Digital tools for education”** courses (basic and mid level) and received qualification certificates.

ISTU also launched internal **"INNOVATIVE PEDAGOGICAL TECHNOLOGIES IN THE HIGHER EDUCATION"** trainings on a regular basis. This contributes to the exchange of information, experience, knowledge, interesting ideas, best practices and life hacks.

One of "INNOVATIVE PEDAGOGICAL TECHNOLOGIES IN THE HIGHER EDUCATION" seminar



NON-FORMAL EDUCATION FOR STUDENTS

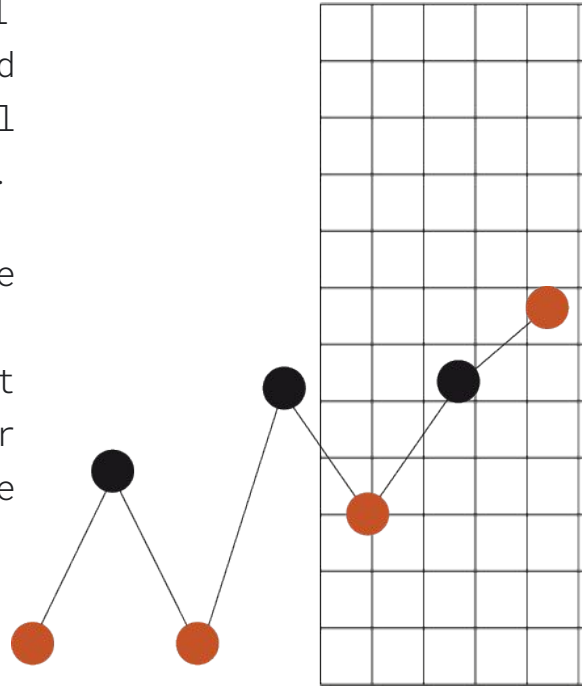
ISTU students have access to **Coursera** (5200+ courses), **Udemy**, **Prometheus** educational online platforms as alternative to some University disciplines.

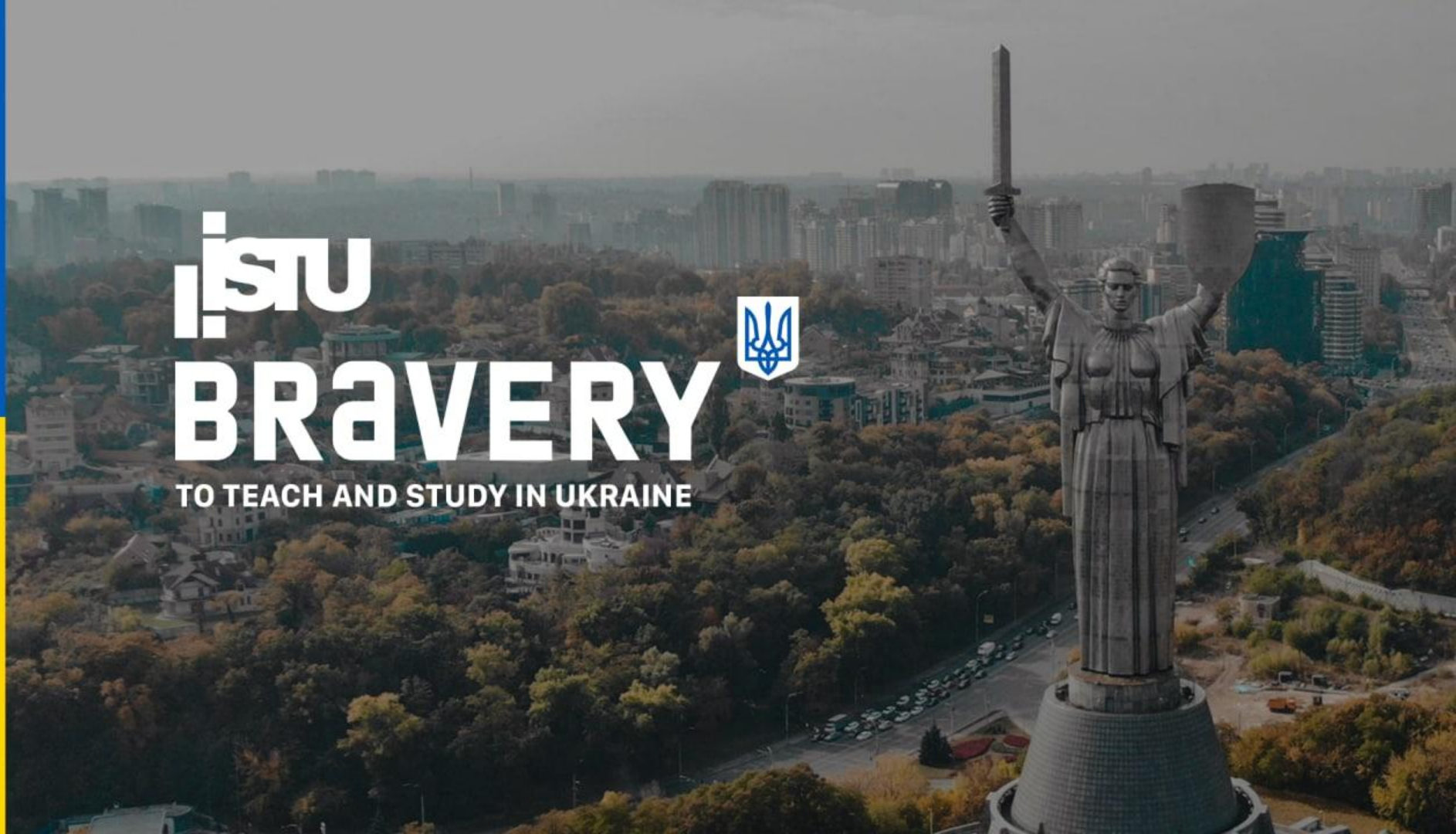
Students have a possibility to transfer their grades from such kind of external courses to ISTU grading system if agreed and accepted by a lecturer and a guarantor of relevant study programme.

OTHER DIGITAL TOOLS

At ISTU, we also actively use **electronic document management** systems using Google Drive and Vchasno application + **Diia.Business** (digital sharing service of ID card and personal taxation number, digital signature of contracts with students).

All students and staff can get free **psychological assistance**. Our full-time practicing psychologist constantly provides support for students, lecturers and administrative personnel.




ISTU
BRAVERY
TO TEACH AND STUDY IN UKRAINE

THANK YOU!

Stanislav Kukhtyk
Pro-rector for international relations and development
stan.kukhtyk@istu.edu.ua