

LESSON «AI AND INTEGRITY»

Clinicians team, (Law clinic of the School of law of Ukrainian Catholic University)

LESSON GOAL:	introduce participants to the concept of «artificial intelligence» and tell them how it works. Tell them what integrity really is and why it is important to observe it. Explain how to use AI without compromising integrity
AUDIENCE/NUMBER OF PARTICIPANTS:	students of grades 8-9/20-30 people.
DURATION:	45 minutes.
FORMAT:	classes (online or offline).
EQUIPMENT:	computer, multimedia projector.
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LESSON PROGRESS.



MOTIVATION AND GETTING ACQUAINTED

«Portrait» (5 min)

Participants sit at their desks. Everyone needs to describe their desk mate .

Name + any fact about him/her. For example: Nina — loves Harry

Potter and can play the pipe.

Topic announcement and expected results

Purpose, objectives of the lesson and its structure (2 min)

PRESENTATION FOR THE LESSON:



Relevance of the issue

Thanks to the active development of technologies, many potential systems are being created that if used improperly, they pose a threat to education and integrity in general.

Topic announcement and expectations of the topic and expected results

Today, the topic of our lesson will be the relationship between artificial intelligence and integrity. Our goal is to explain to you:

- what is artificial intelligence and how it works;
- what is integrity and its importance?;
- how to use AI without compromising integrity.



THEORETICAL MATERIAL (10 MIN)

Providing the necessary information

1. AI. Main theses.

- 1.1. Artificial intelligence is a technique or individual programs that can solve tasks that require human understanding.

Here we give an example – a comparison of the calculator and ChatGPT, an example of AI Guardman (AI technology that scans real-time video using artificial intelligence, detects potential thieves and notifies individuals and alarm systems in the store).

- 1.2 AI is not equal to the human mind

AI is associated with the task of using computers to understand human intellect, but a particular program or robot can do what they were created for, however, it can't perform any other functions like a human can.

Artificial intelligence can also perform the functions of the human mind, but much better and faster.

1.3. Artificial intelligence is widely used in life:

For example, in medicine, AI is used to diagnose diseases, for personalized medicine, performing surgical operations with the participation of robots.

In finance, AI is used to check solvency and prevent fraud.

In the field of transport for cars with autopilot, determining the best routes, traffic management.

The industry uses robotic manipulators to perform various tasks, notifications that you need to replace the equipment to avoid unexpected breakdowns, to analyze the needs, and to offer the best time to procure and store the product.

2. Integrity. Main theses.

2.1. Integrity – doing the right thing even when no one is watching

2.2. Virtuous is a person who is honest (always tells the truth and does not deceive), fair (complies with the conditions that are mandatory for everyone, does to others as they would like to be done to them), responsible (a person is responsible for the consequences of their actions), respects others (realizes that all other people have dignity), and so on.

3. What is the link between AI and Integrity?: examples of dishonest behavior

3.1. Dishonest people use AI for their own purposes

Criminals are dishonest people and they use AI to better and faster carry out their criminal activities.

3.2. An example of dishonest use is, in particular, the use of ChatGPT – an AI product, a chatbot that provides answers in various subjects (questions) to people's requests in the text form, for criminal activity.

Offenders can, for example, use ChatGPT and similar programs for creating a large number of passwords and then gain access to other people's accounts.

Also, criminals, if they ask ChatGPT correctly, can get advice for committing crimes: criminals can ask chat questions to find out how to go unnoticed after committing a crime, how not to leave fingerprints, as well as create letters with the help of chats, that are then sent to people for them to reveal their passwords in response to this email.

3.3. Academic integrity.

Academic integrity are special rules of integrity that students should meet when they learn, and teachers when they teach.

A student can also write an essay using ChatGPT, which is a violation of academic integrity.

4. NPA and Practice of countries (5 min)



REGULATIONS: (1 XB)

Currently, there is no legislation that would determine in Ukraine what to do when writing off using artificial intelligence. There is only a settlement for violation of academic integrity in Laws («On Education», "On Higher Education»), Letters from the Ministry of education, various orders and regulations.

According to part 4. Article 42 Violation of academic integrity is considered to be:

1. Academic plagiarism - publication (partially or completely) of scientific (creative) results obtained by other persons as the results of their own research (creativity) and/or reproduction of published texts (published works of art) by other authors without specifying authorship;
2. Self-plagiarism — disclosure (partially or completely) of your own scientific results published earlier as new scientific results;
3. Fabrication — invention of data or facts used in educational process or scientific researches;
4. Falsification — deliberate change or modification of existing data concerning educational process or scientific researches;
5. Writing-off — performing written works involving external sources of information, other than those allowed for use, in particular when evaluating learning outcomes;
6. Deception — providing deliberately false information about your own educational (scientific, creative) activity or organization of the educational process; forms of deception are, in particular, academic plagiarism, self-plagiarism, fabrication, falsification and cheating;
7. Bribery - provision (receipt) by a participant in the educational process or proposal regarding the provision (receipt) of funds, property, services, advantages or any other benefits of a material or non-material nature in order to obtain illegal advantage in the educational process;
8. Biased assessment — deliberate overestimation or underestimation of the evaluation of results of training of education seekers;
9. Providing assistance to students during their assessment of learning outcomes or creating obstacles not provided for in the terms of the study and/or the procedures for passing such assessment;
10. Influence in any form (request, persuasion, instruction, threat, coercion etc.) on a pedagogical (scientific and pedagogical) employee for the purpose of their biased assessment of learning outcomes.



POSITIVE PRACTICES OF COUNTRIES: (2 MIN)

In most Western countries, which have leading positions in many areas, in culture of people there's no tolerance to dishonesty and plagiarism. Even since school, as a rule, in case of plagiarism, students face negative consequences. This helps citizens of countries to have a high level of comprehensiveness and intelligence.

UK: Cambridge and Oxford expel students whose papers have an index of plagiarism higher than 2%.

Us: : In case of violation of academic dishonesty, three suspicions of cheating or plagiarism, – deductions. They can also cancel the assessment or suspend you from training, appoint «correctional» community service, deprive of the right to enter universities, graduates are given a diploma with a note that they have resorted to plagiarism.

It will be difficult to get a job with such a document.

Singapore: In case of violation of academic integrity — expulsion from the university Teacher's hints or permission to cheat are a criminal case.

There is also a ban in some countries on the use of AI: North Korea, China

5. How to avoid breaking academic integrity in your own work

- use sources from which you get information (for example, mention the title of the book, article, animation, where it was told, even give links to the internet resources).
- read the sources, analyzing for yourself things that you have understood. AI can be used to reformulate incomprehensible things and for simplification.
- Write words and sentences in different ways. You can take an idea from a specific source, but you should write this idea using your own imagination and unique creations.

PRACTICAL PART



INTERACTION



KAHOOT: ON TERMS (10 MINUTES)

- what is integrity?
- what is plagiarism?
- what is artificial intelligence?
- what you should not use AI for



CASE STUDY (GROUP WORK) (8 MIN)

After passing the NMT, a video appeared about how testing is performed and it is not the participant who is in a temporary exam center, but someone else is performing for him the tasks remotely, from home using AI.

- *Was the use of AI virtuous or unfair?*
- *How could the student use AI virtuously in this situation?*



COMPLETING THE LESSON

CONCLUSIONS AND REFLECTION (7 MIN)

Conclusions are made using the Mentimeter program.

Question to the class:



- *What did you learn from today's lesson?*
- *What do you remember?*

Children are asked to write 1-3 words in accordance with the topic of the lesson.

All responses are displayed anonymously on the screen.

We summarize the main theses of the lesson.

SOURCES

AI. Main theses.

[1] — Intelligent information systems, lecture notes, V. M. Kotsovskyi, p. 8.

[3] — [«Artificial intelligence and its application in various fields» Integrity. Main theses

[4] — [Iryna Tymchenko « From Fighting Corruption to Promoting Integrity Change of Paradigm» — in part of general information about integrity.

- **Regulatory framework for academic integrity**

<https://izmail.maup.com.ua/biblioteka/akademichna-dobrochesnist2/normativno-pravo-va-baza>

- **How plagiarism and cheating are punished: foreign experience**

<https://osvitoria.media/experience/yak-karayut-za-plagiat-ta-spysuvannya-zakordonnyj-dos-vid/>

- **Plagia-what? How the concept of academic integrity splits the world in half**

<https://studyinternational.com/news/plagia-concept-academic-integrity-splits-world-half/>

- **Consequences And Penalties of Plagiarism For Singaporean Students**

<https://www.singaporeassignmenthelp.com/blogs/consequences-of-plagiarism/>

- **ChatGPT banned in Italy over privacy concerns**

<https://www.bbc.com/news/technology-65139406>

LESSON ANNEXES:

