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## **TRAINING OF CYBER SECURITY SPECIALISTS AND DATA PROTECTION SPECIALISTS AS AN URGENT NECESSITY TODAY**

Information is something which let people not only work but live as well as it can influence almost all spheres of our professional and private life. That is why it is necessary to teach people to work with information and know how to understand whether it is true or fake. Unfortunately, we have to deal with load of information and do not always have time and possibility to check it. So we have to rely on professionals who will do it for us to make our life more comfortable and less stressful. It is doubtless that modern people can't exist without information which is given to them in the form of the news which can provoke global changes in peaceful life of not only ordinary people but whole countries and even continents. That is why it is really important to rely on proved information but not fakes.

Nowadays it is goes without saying that the world is changing and we need to follow the changes. And it is also clear that information has become weapon which can hurt and threat. That is why data protection must be considered a very important if not vital demand of modern system of education which must pay special attention to providing education to such specialists. Following such demand National University of Civil Protection of Ukraine has started a new educational program which will provide special educational components to students and cadets.

Universities are supposed to give professional courses like Programming, Web Programming. Data Bases, but on the other hand it is impossible to cope with university curriculum without mastering general components like Ukrainian, the History and Culture of Ukraine, Phycology and English. Such disciplines are very important in the process of education as they help professors bring up decent citizens of the country. Moreover, English which is considered to be the international language of

communication is necessary for cyber security specialist and data protection specialists as they must follow the development of all modern strategies of it.

Luckily, we have enough information about all cons and pros of these professions, all advantages and disadvantages are described on the official sites of American and European universities [1] so it is obvious that we should take over the experience of top universities all over the world to provide such services to our country and our people to help our country develop this way and become equal among other countries in this matter.

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## **A WEAPON OF INFORMATION WARFARE: INFORMATION SECURITY AND INFORMATION MANIPULATION**

Today, a hybrid war is being waged against Ukraine, an important component of which is information and psychological influence. Sometimes, this type of influence is more successful than the use of military force. Therefore, information security is an important element of the country's overall national security.

Protecting information security is an important task for any state in the modern world, where information plays a key role in various areas, including national defense, economy, politics, social relations and technological development. Implementation of a successful information policy can have a significant impact on the resolution of domestic and foreign policy, as well as military conflicts.

In today's realities, due to the attacks of the Russian Federation, it is necessary to seek active actions to ensure the national security of Ukraine. Assessment of existing and possible information threats to national security and combating them require an immediate response, given the new challenges caused by the war. The problem of information security is exacerbated by the enemy's ability to manipulate information and introduce its own narratives. Accordingly, this allows them to influence people's minds and create a convenient information space for themselves.

The main task of Russian propaganda is to disseminate deliberately false information aimed at influencing public opinion and mass consciousness. For this