

## CLOUD TECHNOLOGIES IN THE O. M. BEKETOV NUUE EDUCATIONAL PROCESS

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Modern information technologies have been used in the educational process of O. M. Beketov National University of Urban Economy in Kharkiv (O. M. Beketov NUUE) since 2002. In 2008 Moodle (the modular object-oriented dynamic learning environment) was selected as a software learning management system. There are more than twenty thousand users and about thousand courses on University Distance Learning Site now. Nowadays, Moodle information resources are not enough for the educational process entire support at the University. Thus, the decision about cloud technologies using has been made. Microsoft Offices 365 [1, 2] has been chosen as a platform for the new informational and educational space creating.

O. M. Beketov National University of Urban Economy in Kharkiv Office 365 license allows our students to use the following software and services:

1. Mail;
2. Calendar;
3. People;
4. OneDrive;
5. Sites;
6. Tasks;
7. Word online;
8. Excel online;
9. PowerPoint online;
10. OneNote online;
11. Delve;
12. Video;
13. Sway;
14. Yammer.

Office 365 Delve surfaces personalized content to you from across Office 365. Powered by the Office Graph, Delve brings you information based on what you're working on, who you're working with, and the permissions you have.

Office 365 Video gives you a scalable enterprise video solution. It's easy for admins to manage permissions, add or remove channels, and spotlight key content. And it is all backed by Office 365 and Azure Media Services, giving you an encrypted, industry-leading platform.

Office 365 Sway makes it quick and easy to create and share polished, interactive reports, presentations, personal stories, and more.

Yammer is a freemium (a pricing strategy by which a product or service is provided free of charge, but money (premium) is charged for proprietary features, functionality and so on...) enterprise social networking service used for private communication within organizations. Access to a Yammer network is determined by a user's Internet domain so that only individuals with appropriate email addresses may

join their respective networks. The service began as an internal communication system for the genealogy website Geni and was launched as an independent product in 2008. Microsoft later acquired Yammer in 2012 for US\$1.2 billion.

Home network is called "O. M. Beketov National University of Urban Economy in Kharkiv Corporate Social Network" and has had more than eight hundred participants by now. External Network "Information Technologies" has had about eight hundred members.

All the students have got online versions of Word, PowerPoint, Excel, and OneNote. O. M. Beketov National University of Urban Economy in Kharkiv allows students to install the full Office applications on up to 5 Mobile devices, PCs or Macs for free. Work on Office files with anyone, anywhere, in real time - for free. Everybody can create, store, and share documents, spreadsheets, presentations, and notebooks online. Collaboration made easy.

In Word users can do the following: track and review changes; change page orientation; insert section and page breaks; enable column in page layout; customize headers and footers for different pages; apply custom colors to text; apply custom shading and borders to table cells; apply custom colors to shapes; insert and edit WordArt; add shadows and reflection styles to pictures.

Excel can customize Pivot Tables styles and layouts; apply custom colors to shapes; insert and edit WordArt; add shadows and reflection styles to pictures

PowerPoint allows users to check your speaker notes while you present; save ink annotations from slideshows; apply custom color shading to table cells; apply custom colors to shapes; insert and edit WordArt; add shadows and reflections to picture.

In OneNote users can enter typed text via keyboard, create tables, and insert pictures. However, unlike a word processor, users can write anywhere on a virtually unbounded document window by just clicking there. Also, users do not need to explicitly save their work – OneNote saves data automatically as the user works.

OneNote saves information in pages organized into sections within notebooks. The interface provides an electronic version of a tabbed ring-binder, into which the user can directly make notes and gather material from other applications. OneNote notebooks collect, organize, and share possibly unpolished materials – as compared to word processors and wikis, which usually target publishing in some way. The difference shows in certain OneNote features and characteristics: pages can be arbitrarily large; bitmap images can be inserted without loss of quality; there is no enforced uniform page layout or structure.

## References

1. Office 365 and Yammer users guide. [[http://kname.edu.ua/images/Banners\\_Files/Rekomendacii\\_po\\_roboti\\_z\\_Office\\_365\\_ta\\_Yammer/Rekomendacii\\_po\\_rabote\\_v\\_Office\\_365\\_i\\_Yammer\\_kaf\\_TiGH.pptx](http://kname.edu.ua/images/Banners_Files/Rekomendacii_po_roboti_z_Office_365_ta_Yammer/Rekomendacii_po_rabote_v_Office_365_i_Yammer_kaf_TiGH.pptx)].
2. O. M. Beketov NUUE informational resources. Training course [<http://cdo.kname.edu.ua/course/view.php?id=1501>].