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Use of the Edmodo platform in the students' independent work at technical university

Abstract. The article is devoted to the analysis of the technologies use at the English lesson at Technical University, their advantages and disadvantages for the pedagogical community, the possibility of applying a wide range of tools for an individual approach in learning. Professional online communities are becoming one of the effective tools for distance interaction in the field of education. Thanks to network support, new opportunities are open for communities to organize broad professional interaction, to share knowledge and experience, to enhance professional skills and attract new members of the community. The usage of the social network can help to create the educational environment for self-development and teacher interaction with students, as well as additional motivation for learners to learn a foreign language. In conclusion, we can assume that in the 21st century, education becomes continuous and accompanies the development of a professional throughout his career and distance education systems become an integral part of this process. Using the elements of distance education at university makes it possible to develop in the student skills of independent activity, since the work can take place practically without the teacher's visible participation.

Keywords: technology, self-education, pedagogical, Edmodo platform, level, effectiveness, assignments.

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Introduction. XXI century is the age of technology. With this in mind, modern educational technologies should be used in the design and construction of the educational environment, the construction of the educational process, taking into account the individual, age, psychological, physiological characteristics of the students. The graduate of the XXI century school should be ready for self-development and continuous education; the graduate should be motivated for education and self-education throughout his life, creativity and innovative activity. Importantly, the modern technological world is built on the continuous possibility of the emergence and development of communication, so the technology of distance learning is one of the most progressive at the moment. Thanks to the technology of distance learning, the student has the opportunity to build or join the existing communication independently. The average modern graduate does not have a sufficient level of self-discipline, motivation and skills in modern educational systems. Particular attention should be given to training the quality of the created electronic resources. Simple translation of the textbook pages into text documents or presentations cannot be called "creation of electronic educational resources"; therefore, the teacher should be familiar with the technologies and methods of creating distance courses.

The aim of the article is to reveal the electronic platform Edmodo as an instrument to make improvements in teaching, the possibility of applying a wide range of tools for an individual approach to study a foreign language. It provides extensive functionality for collaborative work on educational material. Significantly, for the education system of the district methodical associations of regions work more efficiently, using the functional and communication tools; work in a single educational environment leads to the standardization of educational resources, which leads to an increase in the effectiveness of interaction between teachers; close, daily cooperation of teachers increases the effectiveness of the educational process [1].

In 2017 we decided to work on Edmodo platform with our teachers and students. It is a social network designed specifically for participants in the educational process: teachers, students and their parents. It allows teachers to share content, distribute quizzes to students, assignments and manage communication. The creators of Edmodo were Nick Borg and Jeff O'Hara [2].

Discussion. Edmodo is an educational technology company offering a communication, collaboration, and coaching platform. The Edmodo network enables teachers to share content, distribute quizzes, assignments, and manage communication with students, colleagues, and parents. Teachers and students spend large amounts of time on the platform, both in and out of the classroom.

Within five years, in 2013, Edmodo was included in the list of "the best applications for teachers". Use of this resource is very simple. You register as a teacher without unnecessary conventions. Create your own class. Give your students and parents a registration code.

A teacher can do the following:

1. Remote assignments for students. Edmodo allows teachers to attach files with tasks with just one click.

2. Creating a digital library. Students and teachers can create digital libraries using hyperlinks. Access to files is from any computer connected to the Internet.

3. Publication of messages on the "advertisement board". Students can ask questions to each other and the teacher. Of course, teachers can send messages to all students with assignments and announcements.

4. Creation of training groups. Teachers can create classes, groups of their students according to the courses they teach or create temporary groups of students working on one collective task or project.

5. Organize interviews with students. This is not a test of knowledge, but an informal feedback from the students. For example, how they liked the last quiz. Or what subjects of the projects students want to choose.

6. Creating and doing quizzes. The originality of the quiz is that you can attach links and files for each question and / or answer. This allows you to place the document. Students can read it and answer the assignment. You can allow students to immediately see their points or, conversely, you can turn off this option.

7. Ability to communicate with other teachers. Join professional groups to exchange ideas about lesson plans, learning strategies and project development. You can discuss the tools and content of didactic units that you created.

8. Create a calendar of events and tasks. This is very convenient, especially with a large teacher load.

9. Access to Edmodo through any mobile device. Edmodo's resources are always available.

10. Creating parent pages. This allows parents to see their children's assignments and their grades. Teachers can also send notifications to parents about school activities, missed assignments and other important messages.

11. Ability to create printed documents. If, for some reason, you are replaced by another teacher, you can print a class list, one of your accounts.

12. Insert the Interactive Wall in Edmodo. Using this tool, you can conduct a brainstorming session, online communication on any problem.

13. Upload videos, images and audio. To do this, you need just one click.

14. Use the service as an interactive worksheet. A set of service tools makes it possible to prepare a teacher for classes. The number of such tools is constantly replenished [3].

Students, teachers and parents can create accounts for free, although Edmodo also has premium kits for analytics, priority training, support and synchronization. The Edmodo approach has found a response in the hearts of many users. This platform can be put on a par with companies

such as Blackboard, Canvas and Moodle. Edmodo was still integrated in Microsoft and Google, which means that now students can use their accounts in Google or Microsoft and access Google Drive and Microsoft Office. The interface of Edmodo seems familiar to everyone who has an account on Facebook. But unlike Facebook, in Edmodo everything is built around connections (not friends) and to exclude Internet bullying, students can create posts that are accessible only to the class. In addition, Edmodo supports groups, it can be both classes, and highly specialized educational communities and communities in different subjects organized by different participants. For example, thanks to the new directory of “Professional Development” it became easier to find groups and their participants depending on the school district. In fact, teachers here will find more for themselves than students and parents. You can put a filter by social remoteness, author or type of publication. Posts can be of completely different shapes, including notes that contain file attachments or links. Teachers can use Stream to post homework, along with descriptions, dates, and applications. They can ask students to correct the answers and change the scope of the assignment, depending on what the student did or did not do. As for the students, they have the opportunity to leave answers, attach posts and add comments. Well, while parents in the meantime through Android and iOS applications can track the timing of the task and class activities. In Edmodo there is a quiz function that you can save and download from your library (“Collections”). The process is extremely simple: we give the name, we limit the time, we come up with questions (we can make mixed questions yes / no, with the choice of answers, selection of pairs, short answers fill in the omissions, etc.) and send it to a specific student or group. As an alternative, the teacher can send one question to a student or group using a survey. Perhaps the most interesting feature for teachers is Snapshot. After conducting a small questionnaire (usually from a small number of questions), teachers can get comprehensive and up-to-date information about students’ progress. After the students answered the questions, she can see which of the students know the program, and who else should study.

Users have the opportunity to upload materials to their libraries, and Edmodo will receive a partnership with the Oxford and Cambridge University Press. One third of Edmodo is a system of education management, and two-thirds - a pedagogical social network. Of course, with its help, teachers can administer, track progress, share materials and test knowledge using distance learning.

There are many ways to boost motivation using technology, especially when you are a teacher. But if you are willing to learn some of the most effective ways in which you can motivate your students with the use of technology, this is a great place to start expanding your thoughts on teaching and learn something new [4].

We all know that students can learn a lot more from the visual material, so it is a great way to start changing your teaching approach with some educational videos. There are many ways in which you can boost not just their motivation for learning through visual and video materials, but also your own motivation for teaching. If you feel that your lessons have become stuck in a rut, and that your teaching could use a new approach, then this is a great way to start using technology and introducing some changes. There are so many educational videos that you can find, the resources are absolutely limitless, but you can also make your own. Furthermore, make sure that you are creative as a teacher, if you want your students to be creative as well, and more importantly to learn something more about your subject. Also, if you have not used technology before, this is a great way to start.

Another key thing to remember is you can also use it in and out of the classroom. This is a great way to help your students do some learning when they are not in your class and make them learn even more. Especially considering that we are always using some technological devices, it will also mean that your subject will be more close to your students at all times. You can also consider using technology for the evaluation process, and ease a lot of your teaching tasks.

Significantly, motivating students to do independent research on whatever topic can be a

lot easier with the use of technology, because it will also be a lot more interesting to them to do the research if they are using technology. This is the approach in teaching that definitely deserves a lot more attention from many teachers, and if you are using it at the moment, make sure that you continue using it for research.

Previous research showed that we should motivate students with different apps, exploring apps that you could use for teaching your subject, will make it a lot easier to transfer your knowledge to your students. Also, motivating them to follow your subjects will be a lot easier if you were to find a cool app that could help you're and get them interested in your subject.

Several studies suggest that teacher should break up the routine with the use of various technological devices and you will see the difference in your own results as a teacher and students result in passing your subject.

The usage of gadgets (smartphones, tablets, laptops), surfing on the internet and social media are extremely popular among students. Since our students are so drawn to these types of technology in the classroom, we can use this to our advantage as motivation to learn. We can help to expand our students' short attention spans by using a variety of different educational technologies in our classroom. Here are the tools that will motivate students to want to learn as well as help them enjoy themselves as they are learning.

Try and immerse your students in technology as much as you can, not only because it's a great motivator for them, but because it's the future that we are living in. Stay up-to-date on the all the latest in educational technologies, so that your students will get the most current education that will help them succeed in the digital world of today.

In essence, the professional network community is an interactive platform for the exchange of experience, advice, recommendations on the issues of education, upbringing and development of students. The basis and key feature of the virtual social and pedagogical community is an open discussion, communication of a group of people using the Internet information network. Professional online communities are becoming one of the effective tools for distance interaction in the field of education. Thanks to network support, new opportunities are open for communities to organize broad professional interaction, share knowledge and experience, enhance professional skills and attract new members of the community. Using a social network to teach English can help create a single information and educational environment (IEE) for self-development and teacher interaction with students, as well as additional motivation for learners to learn a foreign language. The content of IEE can include all sorts of electronic sources of information: databases, video and audio materials, links to virtual libraries, electronic textbooks, dictionaries, encyclopedias [5].

We registered at <http://www.edmodo.com> and created own account (profile), had access to join various professional communities and codes to create own groups, added students to the community. In Edmodo, each registered teacher can create groups: subject, by class, by interest or by uniting participants to implement a variety of educational projects. A group can have shared files, upload and store files in the library. Users can exchange personal notes, create and participate in quizzes, surveys, perform tests. There is a calendar for fixing classes, a schedule of tests. The teacher has the opportunity to enter the assignment with the date of completion (for example, record the homework), monitor the activity and progress of students, make grades and reward with incentive icons for the work.

Significantly, students themselves determine the sequence of tasks, the number of repeated views of educational materials, getting the freedom to choose an educational trajectory and the route of studying topics, developing a responsible attitude to their own education.

So we together create opportunities for continuing education. There is no outside advertising; entertainment content and concomitant commercialization. Importantly, registration is extremely simplified, no numbers mobile phones are required. The questionnaires do not ask for birthdays, exact surname, name patronymic and other identifying information.

In October, 2017 the workgroup of 3 teachers has been organized: Aigerim Izotova, Samal Alpysbayeva and Madina Tulegenova to implement the educational Edmodo platform in students' independent work among the 1st -3rd courses.

Firstly, the training seminar which has captured the 35th regular has been held in the teacher of Foreign languages Department.

Seminar's purpose was to train teachers to use educational platform.

Students' groups who study English were given tasks on Edmodo platform according to syllabus, links on sites, images to develop speaking, reading, listening and writing skills, they were prepared for each semester of the academic year.

Groups who study English for specific purposes were given the following tasks: the description of 8 charts and learning academic words.

Teachers on the discretion could also add additional references for more profound studying; attach tests, polls, written tasks.

The additional seminar on training Edmodo use has been held in February 2018, newcomers regular teachers of the department, and also the teachers who had questions took part. The seminar has captured 20 teachers.

The purpose of Edmodo usage is stimulation of English profound studying, implementation of our President's Message about introduction of new technologies in educational process, promoting new educational technologies at Karaganda state technical university, reduction of paper use.

20 teachers of the department have been interviewed for identification the number of students who have fully worked on Edmodo. Data were **analyzed** and the following results were given in Table 1:

Table 1

The comparative analysis of the platform usage among students

Course	Amount of the students	% fully implemented the tasks	Reasons of the unfulfillment
1 st course	832	85%	- had no Internet access
2 nd course	738	80%	- too difficult to do the task
3 rd course	345	77%	- did not have time to do - did not understand the task due to the low level of the language

In conclusion, we can assume that in the 21st century, education becomes continuous and accompanies the development of a professional throughout his career, so distance education systems become an integral part of this process. Therefore, using the elements of distance education at university makes it possible to develop in the student skills of independent activity, since the work can take place practically without the teacher's visible participation. Any teacher with the knowledge of a confident user can independently implement the elements of distance education in the teaching process.

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Использование платформы Edmodo при самостоятельной работе студентов технического вуза

Аннотация. В статье анализируются результаты применения технологий на уроке английского языка в техническом университете, их преимущества и недостатки, возможности применения широкого спектра инструментов для индивидуального подхода к обучению. Профессиональные интернет-сообщества становятся одним из эффективных инструментов дистанционного взаимодействия в сфере образования. Благодаря сетевой поддержке сообщества открываются новые возможности для организации широкого профессионального взаимодействия, обмена знаниями и опытом, повышения профессиональных навыков и привлечения новых членов сообщества. Использование социальной сети для обучения английскому языку может помочь в создании единой информационно-образовательной среды для саморазвития и взаимодействия преподавателей со студентами, а также дополнительной мотивации учащихся к изучению иностранного языка. В заключение можно предположить, что в XXI веке, когда образование становится непрерывным и сопровождает развитие профессионала на протяжении всей его карьеры, системы дистанционного обучения становятся неотъемлемой частью этого процесса. Использование элементов дистанционного обучения в университете позволяет развивать у студента навыки самостоятельной деятельности, поскольку данная работа может проходить практически без видимого участия преподавателя.

Ключевые слова: технология, самообразование, педагогика, платформа Edmodo, уровень, эффективность, задания.

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Техникалық жоғары оқу орындары студенттерінің өзіндік жұмысы кезінде Edmodo платформасын қолдануы

Аннотация. Мақала техникалық университетте «Ағылшын тілі» сабағында технологияларды пайдалануды, олардың педагогикалық қауымдастық үшін артықшылықтары мен кемшіліктерін, жеке оқыту үшін құралдардың кең спектрін қолдану мүмкіндігін талдауға арналған. Кәсіби интернет-қоғамдастықтар білім беру саласындағы қашықтықтан өзара іс-қимылдың тиімді құралдарының бірі болып табылады. Қауымдастықтың желілік мүмкіндіктері кәсіби өзара іс-қимылды ұйымдастыру, білім мен тәжірибе алмасу, кәсіби дағдыларды арттыру және қоғамдастықтың жаңа мүшелерін тарту үшін жаңа мүмкіндіктер ашады.

Ағылшын тілін оқыту үшін әлеуметтік желіні пайдалану оқытушылардың студенттермен өзара іс-қимылы және өзін-өзі дамыту үшін бірыңғай ақпараттық-білім беру ортасын құруға, сондай-ақ оқушылардың шет тілін үйренуге қосымша уәждемесін жасауға көмектесе алады. Қорытындылай келе, ХХІ ғасырда білім беру үздіксіз жалғасуда және ол кәсіпқойдың мансап қызметіндегі дамуына жол ашады деген болжам жасаймыз. Сондықтан қашықтықтан оқыту жүйесі осы процестің ажырамас бөлігіне айналды. Университетте қашықтықтан оқыту элементтерін пайдалану студенттің өзіндік іс-әрекет дағдыларын дамытуға мүмкіндік береді. Өйткені жұмыс іс жүзінде оқытушының қатысуынсыз өтуі мүмкін.

Түйін сөздер: технология, өздігінен білім алу, педагогика, Edmodo платформасы, деңгей, нәтижелілік, тапсырмалар.

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