

EDUCATIONAL-METHODOLOGICAL COMPLEXES APPLICATION WITHIN SPECIFIC DISCIPLINE IN THE PROCESS OF TEACHING SOCIAL WORK AND PHYSICAL REHABILITATION AT THE UNIVERSITY (ON THE EXAMPLE OF MULTIFUNCTIONAL DUAL ENGLISH COURSE COMPLEX HIGH NOTE (IN UKRAINIAN CONTEXT))

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Abstract: The relevance of the article is determined by the fact that the modern landscape of higher education, the competitiveness of specialists in the labor market, the problem of professional training of social work specialists is of particular relevance. It is shown that the creation of an active learning environment using active forms, methods and teaching aids is of particular relevance in modern university education of future social workers. Taking into consideration the modern tendencies happening in the frame of higher education of Ukraine it was mentioned that educational methodological complexes of all university courses are the intrinsic part of the successful future specialists' preparation. Theoretical review of the educational-methodological provisions stated in the official documents that should be fulfilled by teaching staff and learners during university studying is given. Secondly, the recommendations for displaying and analyzing from the teachers' perspective modern courses and Pearson English Platform are given, that can be used during teaching English language, and a comprehensive summary of the advantages and disadvantages of paper teaching materials and on-line resources is presented. The article emphasizes that the means of systematic approach implementation purposed to reveal main sides, components and functions of the educational methodological complexes allow implementing a personality-oriented paradigm, in accordance with the requirements of modern society for the quality of training of a future specialist in the social sphere as human capital, a labor market resource and an agent of social change. The conclusions emphasize that university educational process must be supported with educational methodological complexes of all disciplines, built according to synergetic approach.

Keywords: systematic approach; higher education; main provisions; educational-methodological complex; English language; legal complex regulations; High Note course; Pearson English Portal Platform; university learners; on-line resource application

1 Introduction

Social policy and the social sphere today face new priorities and tasks that correspond to the dynamics of social development. Moreover, today it is important to consider social work in particular within the paradigm of rehabilitation. Rehabilitation is a direction of modern medicine, which in its various methods relies, first of all, on the individual's personality, actively trying to restore the person's functions impaired by the disease, as well as his social connections. Today in the world, its active forms are becoming the most important in the system of social protection measures. The most effective of them are physical rehabilitation and social adaptation. Naturally, the types of rehabilitation should be considered in unity and interconnection. Rehabilitation should be seen as a complex, socio-medical problem, which can be divided into several types, or aspects: medical, physical, psychological, professional (labor) and socio-economic. This, in turn, determines the need for continuous updating of technologies and programs of higher education in the field of social work, in order to train competent specialists. On the one hand, there is an urgent need to develop the professional competence of future social work specialists, allowing them to work effectively with various categories of clients, on the other hand, the scientific foundations for the formation of the professional competence of a social work specialist, the content, forms and methods of such training at Ukrainian universities have not been developed systemically.

Meanwhile, education is a unique social phenomenon that has a significant impact on all aspects of the life and activities of the country, society, and human civilization in general. In the conditions of the modern scientific, technical, and information revolution, education functions as a complex socio-economic organism, which plays a major role in the social progress of mankind. It is one of the most important branches of labor and cognitive life. The current stage of the development of the education system of Ukraine is characterized by its reformation, the search for ways to bring the content in line with the personal needs of students and world standards. A kind of crisis phenomena in education, which are observed today, are connected with the ongoing formation of Ukraine as an independent state within the context of EU principles, the nature of social relations, the reformation of the political and economic systems on a fundamentally new basis. Adapted in the past years to a rigid regulated environment, since Ukraine's independence education has come into conflict with the new, more flexible and constantly changing requirements of Ukrainian society - with the market economy [4; 8; 10].

Reforming education is conditioned by the need to overcome the negative phenomena taking place in Ukrainian society, including within the economic sphere [2]. It is no coincidence that among the numerous transformations and modernizations of recent decades, a special place is given to those directly related to education and education management. The education system of Ukraine consists of educational institutions, scientific, scientific and methodical institutions, scientific-production enterprises, state and local educational management bodies and self-government in the field of education [5; 7; 12]. The structure of education includes, like in most of the countries in the world, the following levels: preschool education; general secondary education; extracurricular education; professional and technical education; higher education; postgraduate education; graduate school; doctoral studies; self-education. The bodies of state management of education in Ukraine are the Ministry of Education and Science, ministries and departments of Ukraine conducting public management of educational institutions, Attestation Board of the Ministry of Education and Science of Ukraine, departments of education of local state administrations [6; 16].

The state nature of the management of the Ukrainian education system is based on the principles of: availability of all forms and types of educational services provided by the state for every citizen; the availability and free of charge of obtaining a complete general secondary education; compulsory general secondary education; equality of conditions for each person for the full realization of his abilities, talent, comprehensive development; humanism, democracy, priority of universal spiritual values; organic connection with world and national history, culture, traditions; independence of education from political parties, public and religious organizations; scientific nature of education, integration with science and production; interconnection with the education of other countries; flexibility and predictability of the education system; unity and continuity; diversity; combination of state administration and public self-government.

The main trends in the functioning and development of the education system in Ukraine, which affect the regularity of management of educational institutions regardless of their type and form of ownership, are:

- Priority of universal values and humanistic orientation;
- Activation of public and state efforts to bring education up to the level of international standards and achievements in this field;
- Formation of national-patriotic morality;

- Development of education based on the latest psychological and pedagogical technologies;
- Moving away from the principles of authoritarian pedagogy, considering the natural individual characteristics of all students;
- Radical restructuring of management in the sphere of education through its democratization, decentralization, creation of regional management systems of educational institutions empowered with greater independence;
- Further development of non-state forms of ownership of educational institutions [8; 10; 24].

These most general trends in the education of Ukraine give rise to corresponding derivative trends in all its subsystems: organizational-management, scientific, educational, special-pedagogical, professional-technical. They, reflecting the general problems of Ukrainian education, are at the same time concrete and specific for universities of all fields, including social work, due to the peculiarities and conditions of their activity.

The most significant global tendencies characterizing the functioning of general education institutions in modern conditions are:

- The desire to expand the variability of the content of educational programs, a certain profiling for the necessity of compliance with state education standards;
- The efforts of the management of educational institutions to create complexes: preschool, secondary and higher educational institutions, united by a common strategic educational goal and traditional connections corresponding to the general goal of building the organization and the methodology of the training process;
- Competition of educational institutions of various types and forms of ownership based on the improvement of educational services;
- Penetration and implementation of foreign pedagogical technologies in the educational process (especially in the field of teaching subjects of the humanitarian cycle);
- Expansion of bilateral contacts between groups of students, educational institutions of different countries;
- - Implementation of the distance education system at all its levels;
- Dissemination of advanced IT technologies (in particular, AR, VT, and AI) in the learning process [7; 8; 14; 21].

Figure 1 shows expectations of students in different countries concerning their institution, according to surveys.

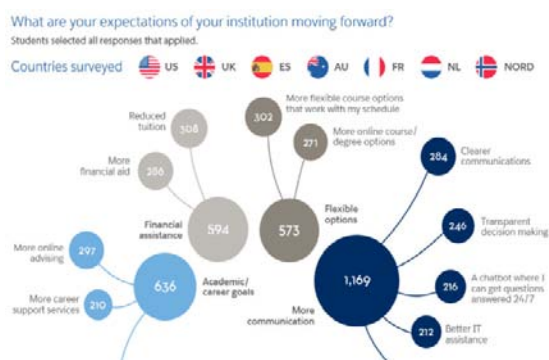


Figure 1. Global tendencies of higher education, according to students' expectations [4]

Taking into consideration the modern tendencies taking place in the frame of higher education of Ukraine that were briefly presented in this introductory section, it worth mentioning that educational-methodic provisions of all university courses is an intrinsic part of the successful future social work specialists' preparation. Regardless the actuality of contemporary books, courses, internet resources that should be actively applied in the educational process, the main goals of this investigation are: firstly, to give a theoretical review of the educational-

methodological provisions stated in the official documents that should be fulfilled by teaching staff and learners during university studying; secondly, to display and analyze from the teachers' perspective modern courses and Pearson English Platform that can be recommended to be used during teaching English; thirdly, to present a comprehensive summary of the advantages and disadvantages of paper learning resources in comparison with on-line resources.

2 Materials and Methods

In frames of research, direct, empirical analysis and synthesis were applied to stage of first-line familiarization with the educational methodological complexes. With separation of parts of the object and detection of properties, the simplest measurements, fixation of data lying on the surface of the general are carried out. Reverse or elementary theoretical analysis and synthesis are used to comprehend the essence of the phenomena. Analysis and synthesis are based on some theoretical considerations, which may suggest causality of the connection of various phenomena, as well as the action of some regularity.

Moreover, in the frame of this research, systematic approach was used. It demonstrated that the problem of studying process provisions was researched deeply at the beginning of the 20th century by some scholars (A. Berg, L. Bertalanfi, N. Winer, K. Boulding, etc.). These studies served as the scientific basis for the works of pedagogical and methodological areas of science. In addition, thanks to them, the term "systematic approach" entered into common scientific use. Systematic approach is one of the important mechanisms that provide integration of scientific knowledge. Consequently, it was used in the frame of current pedagogical research.

The term "system" or "complex" in our research, linked to educational methodology course complexes, has a number of definitions:

- A set (complex) of interacting elements (L. Bertalanfi);
- A set of elements between which there are relations of objects and their properties (A. Hall);
- A set of material or ideal objects, the relationship and interaction of which leads to the emergence of new integrated properties of the system that are absent in its components objects. The application of this principle for the university teaching process is depicted on Figure 2.

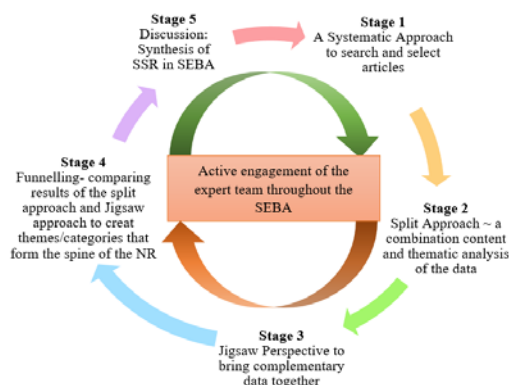


Figure 2. Systematic approach cycle in modern scientific areas

3 Results and Discussion

Realizing the first outlined in the introduction main goal connected with the theoretical review of the educational-methodological provisions stated in the official documents that should be fulfilled by teaching staff and learners during university studying, we would like to describe the content, structure, and functions of the educational-methodological complexes that must be created and actively implemented into

the professional preparation process of modern university learners in the field of social work.

Initially, defining the educational and methodological complex of the discipline, it is necessary to pick out that this is a set of educational, scientific and methodical documents and materials, which provide all forms of the educational process, types of educational classes, forms of monitoring students' knowledge of a specific academic discipline, that are implied by the curriculum of the relevant educational program. All course complexes cover educational publications, educational and methodological and reference materials, which are made in printed or electronic form, and are also necessary and sufficient for the organization of the educational process in a specific discipline curriculum [6; 17; 23].

The main functions of the development and use of the educational and methodological complex aimed at solving the main problems are the next ones:

- A clear definition of the place and role of the academic discipline in education activity and in the system of training a specialist within a higher education;
- Fixation and specification of educational goals and objectives of the discipline on this basis;
- Reflection in the content of the educational discipline of modern achievements of science, culture, and other spheres of social practice that are related to a certain academic discipline;
- Consistent implementation of intra- and interdisciplinary connections, agreement of the content and avoidance of duplication of the material being studied with regard to other disciplines of the educational program;
- Rational distribution of study time by study modules of disciplines and types of educational activities;
- Clear distribution of educational material between classroom classes and independent work of students;
- Planning and organization of students' independent work taking into account rational use of time allocated for independent work;
- Determination of the range of sources, educational, methodical and scientific literature, necessary for mastering the academic discipline; formation of bibliographic list;
- Development of an optimal system of current and final control of students' knowledge [6; 11; 20].

In addition, the educational and methodological complexes are characterized with the following: they are developed for all disciplines of the curriculum; materials are developed in the state language; they are developed by a pedagogical worker, in the educational field within the load of this educational discipline is planned, or by the staff team, if different types of study load within the same discipline are planned by several working programs; preparation of elements is included in the individual work plan of teachers; they are submitted to the chairman/manager for discussion and approval at meetings of the cyclic commission/department, which is reflected in the minutes of the meeting cycle commission/department; in case of detection of deficiencies in the formation, the developer is given time to eliminate them – no more than one week from repeated procedure of discussion and approval at the cyclical meeting commissions/departments; if necessary (in connection with a change in legislation, the introduction of new standards of higher education) changes may be made by reviewing and approving the corresponding materials at a meeting of the cycle committee/department; the complex enters into force after its approval at the cyclical meeting commissions/departments [5; 18; 19; 22].

The structure and components of the educational and methodological complex for studying disciplines consists of the following important parts:

- Syllabus (work programs of credit modules);
- Textbooks in accordance with the syllabuses of academic disciplines;

- Recommendations to students regarding the acquisition of new knowledge;
- Plans of practical and seminar classes;
- Teaching aids for various types of work in the discipline: laboratory work, practical classes, computer workshops;
- Educational content – didactic and demonstration materials for educational classes (tasks for practical classes, multimedia presentations, posters, layouts, models, computer programs, instructions, texts, handbooks, standards, albums, diagrams, video and audio recordings, designed to accompany the educational process);
- Variants of individual semester tasks and recommendations for their implementation;
- Topics of course projects/papers on educational disciplines;
- Teaching aids for course projects/works;
- Diagnostic tools for current and semester control of the results of studies and evaluation criteria;
- Tasks for carrying out comprehensive control on educational disciplines and criteria for assessing the level of student training for accreditation of the specialty teaching, monitoring of residual knowledge and skills;
- Educational and methodical materials for distance learning (automated educational complexes: video lectures, electronic textbooks and workshops, virtual laboratory work, means of test current control; methodological recommendations regarding the peculiarities of the organization of distance and mixed learning) [4; 7; 15; 23] (Figure 3).

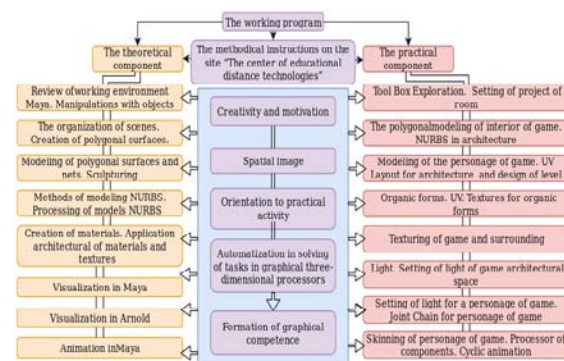


Figure 3. The structure and the content of educational and methodological complex at universities

Further, moving to the practical section of the ongoing investigation, we are going to realize the second goal: to display and analyze from the teachers' perspective modern courses and Pearson English Platform that can be recommended to be used during teaching English.

Learning a new language can unlock a wide range of opportunities. It might be the key to a new job or a promotion at work, or it could help overcome the last hurdle to advancing student' education. It is especially important in social work, allowing the social worker to practice cross-culture approach. But choosing the right online program can prove daunting due to the overwhelming number of options. We've selected ten of the best online courses for learning English and listed them below. Each of these courses takes a different approach, and there is sure to be one that fits one's style:

Udemy — English for Beginners: Intensive Spoken English Course — Top Pick;

Coursera — English for Career Development — Best Online Platform;

Coursera — Speak English Professionally: In Person, Online, and On the Phone — Most Flexible;

Coursera — Learn English: Advanced Grammar and Punctuation Specialization — Best for Grammar;

Coursera — Improve English Communication Skills Specialization — Best Career Outcomes;

Alison — English for Career Development — Most Affordable;

Alison — English Grammar: Comparisons and Word Order (Intermediate) — Best Intermediate Option;

Perfectly Spoken — Everyday English — Shortest Course;

Perfectly Spoken — A2: Pre-Intermediate Online English Course — Best Mobile Option;

ed X — Upper-Intermediate English: Business and Modern Life — Most Advanced Course [3; 15; 18; 23; 26].

All in all, students' involvement into the online platforms intensifies student-oriented approach that is outlined as the most important one in the development of sufficient professional training of university undergraduates (Figure 4).

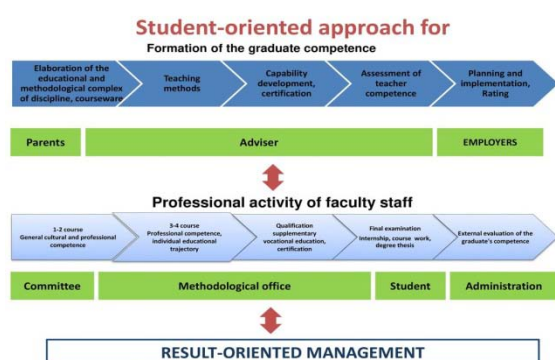


Figure 4. Student-oriented approach in teaching English with High Note course

High Note is an intensive five-level course for upper-secondary students that bridges the gap between school life and young adulthood. Designed to inspire modern teenagers to reach their ambitious goals, the course equips them with language skills alongside the life and career competencies that are indispensable to succeed in exams, in the workplace, and in their future lives.

Each level of the High Note Course comprises Student's Book and Active Book with Online Practice Core content of the course used with the teacher in class.

Moreover, Online Practice & Extra digital activities and resources are placed in the Interactive Workbook with instant feedback and automatic grading. There is also a Personal gradebook for students to review their performance. What is more, extra grammar and vocabulary checkpoint activities for Reading, Listening, and Use of English banks of texts and exercises with all audio and video resources are accessible on the platform Pearson English Portal [15; 18; 27].

Proceeding to the third goal stated at the beginning of the article, it must be mentioned that we are going to present a comprehensive summary of the advantages and disadvantages of paper resources in comparison with on-line resources which are to be taken into account at the university studying process.

The biggest advantages of the English teaching on-line courses can be summarized as follows.

Flexibility. Technology demands newer updates and faster systems all the time. This can only be achieved with constant training and learning. Working a 9-5 job and pursuing courses may seem tiring if one has to go to a training center before or after work. Sometimes going to the training center may rob person's weekends and eat up his free time. Online training courses can be taken anytime, anywhere. The only requirement would be an internet connection. Making time during coffee

breaks at work, sitting on couch and taking online courses instead of watching television, and listening to audio/video files while travelling to and from work are some of the ways online training courses can be taken up. This ensures flexibility in terms of time and effort.

Mobility. A place that has internet connection is a place to take advantage of. Online training and eLearning would require a traditional registration process, followed by a user log in page, but since browsers are available on phones, tablets, and laptops, online courses are not only restricted to desktops; courses are configured to all types of devices. If one is thinking of taking a course while travelling, eLearning is now in his pocket [12; 22; 27].

Easy on the Pockets. With all these physical copies of books, notes, and professors to handle courses, traditional software training courses demand a very high price for certifications and course completion. In comparison to this, eBooks and notes are permanently saved in hard drive when it comes to online training. Certifications are provided online, in printable format, with course completion recognition that can be shared on job-posting websites, social media, and more. Reference videos, course materials, and examination scores are saved and can be viewed multiple times, with no limit. Online courses are extremely cost-effective and can be utilized efficiently [10; 11; 20].

Community. Meeting different people and joining forums does not stop at social media sites. People with same interests or with the same learning goals may join a community that interacts effectively exchanging questions, doubts, and ideas. Participating in such groups may offer a more detailed insight on where the course is leading to [10; 12; 14; 27].

Online Support. Professional educators and eLearning customer support are always looking to help and motivate students. Online course trainers can be emailed and interacted with, when students have any questions, and chat support is almost always available on online learning portals.

Progress Report. Online assessments test the ability to understand topics without the pressure of taking an actual exam. Some assessments can also be retaken and reconsidered if students are not satisfied with their scores. Properly justified and marked, online assessments bring about a fair scoring system that helps online students evaluate their understanding of a given subject.

Easy Accessibility. In a fast moving world, almost everything is readily accessible. Downloadable online notes, online support, online interaction, training videos that can be replayed, and assessments/quizzes that can be taken anytime during the course help professionals learn better and faster. The easier courses are to be reached, the easier it is for professionals to reach their goals [11; 16; 25].

Information Retention. Online courses help trainees retain and remember information with attractive images, videos, legible fonts, movie clips, animated descriptions, and more. Real-life examples are also given to explain concepts better. Displaying information in well-crafted ways leads to better understanding of learning content, more than taking notes with pen and paper. Face-to-face instructor-led training can force trainees to deviate from topics because of long lectures, where speech is the major mode of communication [22; 27].

Constructive Criticism. Providing constructive criticism through quizzes offers trainees the ability to understand where they stand in terms of knowledge. Multiple choice and open-ended questions prepare students better for taking an exam. The automated corrections like "wrong answer" and "right answer" give trainees the opportunity to go back and correct themselves when wrong. This saves time and effort when compared to unit tests where the papers are sent to the professor for correcting errors and giving the final grade (Figure 5).

The core advantages of online learning are summarized in Figure 5.



Figure 5. Advantages of On-line Learning

4 Conclusions

To sum up, the educational and methodological complex of a discipline is a collection of normative, educational and methodological, and program materials from a specific disciplines presented in paper or electronic forms, necessary and sufficient for the effective implementation of the work program in the discipline, the formation of relevant higher education/professional or pre-higher education applicants competencies provided by the educational program.

The educational and methodological complex is created at the cycle department from each academic discipline with the aim of comprehensive educational provision process in accordance with the requirements of state and industry standards of education.

On the basis of educational and methodological complexes of certain (separate) disciplines in the case if necessary, an educational and methodological complex of the specialty is created for specializations (educational and methodical support of the specialty/specialization).

Regulations on the educational and methodological complex of the discipline are developed as a component of the quality management system and regulate content, requirements for registration, procedure for development and approval of normative documents at modern universities, that are included in the educational and methodological complex of the prescribed discipline within the educational program of training and the curriculum according to which training of applicants for higher education/professional is carried out.

The regulation defines a comprehensive and systematic approach to provision of the educational process with educational and methodical, informative, reference, control and other materials aimed at improving quality training of applicants for higher education/professional, pre-higher education, as well as creating conditions for effective organization of their independent work.

The regulation was developed in accordance with the Laws of Ukraine "On Higher Education" (with changes and additions) and "Professional pre-university education", Resolutions of Cabinet of Ministers of Ukraine "On approval of the Licensing conditions of the proceedings of educational activities of educational institutions", Regulation on the organization of educational process in the college, Regulations on the system of internal quality assurance of higher education at the college, and other normative documents. Moreover, the requirements of the Regulations are the only ones in the educational activity of universities and mandatory for all teaching staff and learners.

Also, some people prefer face-to-face training, while others may prefer online training. According to the American Society for Training and Development, nearly one-third of all eLearning content and material is available and pursued online. Online training is no doubt a huge cost saver for organizations and

individuals, as only certification courses come with a high price tag compared to free online courses. Utilizing the internet for improving skills is the ultimate way to climb up the success ladder, since the best investment that one can make is investing in self.

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