

## THE ROLE AND PRINCIPLES OF COMPETENCY-BASED EDUCATION AND ASSESSMENT OF LEARNING OUTCOMES

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**Abstract:** *In this article, Competency-based education and its roles, principles and effectiveness are explained with realistic situations in educational contexts. Assessing the learning outcomes and results of Competency-based learning or CBE in the next times is also included in this study. Readers can be informed about why these educational techniques are so important, when this happens in academic situations or how they can be implemented and which are the advantages and disadvantages of CBE. Competency-based education transferring the ways of teaching from traditional into modern effective learning style. However, some institutions are facing challenges when implementing new way of education, that's why this work will give explanation to all these questions.*

**Key words:** *competency-based education, assessment, outcomes, practical skills, CBE*

**Annotatsiya:** *Ushbu maqolada kompetensiyaga asoslangan ta'lim va uning roli, foydalanish prinsiplari and o'quvchilarga ta'sir natijalari ta'limiy kontekstda real holatlar bilan tushuntirib beriladi. Kompetensiyaga asoslangan ta'lim yoki keyingi holatlarda CBEning natijalarini baholash ham ushbu maqolada aytib o'tiladi. Shuningdek o'rganuvchilar nima uchun ushbu ta'lim texnikalasi ahamiyatliligi, qachon ular ro'y berishi, qanday qilib amalga oshirilishi va qanday ustunlik va qiyinchiliklari borligi haqida ham xabardor bo'lishi ko'zda tutilgan. Kompetensiyaga asoslangan ta'lim o'rgatish yo'llarini an'anaviy tizimdan zamonaviy tizimga o'zgartirmoqda. Ammo, ba'zi ta'lim markazlari ushbu yangi tizimni joriy etishda muammolarga duch kelmoqdaki, ushbu ilmiy ish yuqoridagi barcha savollarga tushuntirishlar berib o'tadi.*

**Kalit so'zlar:** *kompetensiyaga asoslangan ta'lim, baholash, natijalar, amaliy tajribalar, CBE*

**Аннотация:** *В данной статье рассматривается компетентностно-ориентированное обучение (КОУ), его роль, принципы и эффективность на основе реалистичных образовательных ситуаций. Также исследуется оценка результатов обучения и достижения целей компетентностного подхода (КОУ) в будущем. Читатели смогут понять, почему эти образовательные методы имеют такое значение, в каких академических контекстах они применяются, как их можно внедрить, а также какие преимущества и недостатки присущи КОУ. Компетентностно-ориентированное обучение обеспечивает переход от традиционных методов преподавания к современному, более эффективному стилю обучения. Однако некоторые образовательные учреждения сталкиваются с трудностями при внедрении нового подхода, и данная работа предлагает разъяснение всех этих вопросов.*

**Ключевые слова:** *компетентностно-ориентированное обучение, оценка, результаты, практические навыки, КОУ*

Competency-based learning is the learning and teaching of mastery or practical skills of learners in academic contexts not only taking information as a concept. It usually gives permission to each student to demonstrate their knowledge and experience, or learners can be taught in their own pace and own manner. In Competency-based education, students not only memorize knowledge but also utilize in real situations that's why the majority of CBE can be seen as an authentic learning style or main outcome is usage in real world. To give an example, in the traditional education learners answer "What does it know?" but in the CBE they work with "What can it do?" questions. Main essence of Competency-based education is that it consists of three specific unities:

Knowledge- overall thoughts of students in the subject such as knowing English grammar rules in present simple, usage, key words.

Proficiency- using their knowledge in some situations, for example, making sentences in present simple like What do you do? or I am from Uzbekistan.

Competency- it is the most important unity which can students freely think independently. They realize the topic or subject matters. Therefore, scientists can say that CBE is the working independently of knowledge.

As we know, traditional way of education usually teach students to rote learning or short-time memorizing but cannot implement in real-life like 7th grade students know grammar rules and structures of sentences in English but do not speak or communicate easily so modern CBE transferred from concept to practice with the help of interactive methods or scoring rubrics for example portfolios, role-plays or presentations which can improve students interaction and participation during lesson. It pays attention to results of each student- after lesson or practice they can solve problems, can think in English, can explain the problem and can create something. In historical teaching educators were as the main role model of process not learners however, in modern teaching it's vice versa- teacher as an indicator, students are performers. Scientists conducted much research on the effects of Competency-based education and how they are working in higher education institutions, one of them is:

A 2020 survey of nearly 500 higher education institutions suggested that 13% had fully implemented CBE programs, 47% were in the process of implementing CBE, and 26% expressed interest in adopting CBE (Mason et al., 2020). The survey also found that 82% of the institutions anticipate an increase in the number of CBE programs in the US over the next five years.

Modern competency-based education and training movements here and abroad began with U.S. efforts to reform teacher education and training in the 1960s (Brown, 1994; Hodges & Harris, 2012; and Tuxworth, 1994/1989). In fact, Brown (1994) described sequential "generations" of competency-based learning and suggested that the models that emerged in the 1980s and early 1990s represented the fifth generation of the competency model.

The original working definition of competency-based education was developed in 2011 at the National Summit for K-12 Competency-Based Education (Sturgis, Patrick, &

Pittenger, 2011).<sup>1</sup> The Summit was hosted by the Aurora Institute (formerly iNACOL) and the Council of Chief State School Officers, with more than 100 education innovators and practitioners attending.

Competency-based learning classes always consist of problem, researching, solving, presenting and summarizing parts that first teacher give one topic or controversial problem to students such as global warming in Earth then they search different websites or other resources, after that find important information or data about temperature, causes of warming, solutions and statistics about population effects, they present in auditory their posters or presentations to each other and finally, summarizing with the help of teacher. He or she provides feedback, talk about what points were the most useful, significant outcomes and strengthens. As a result of these steps, critical thinking of learners is developed, they remember in long period, motivation is enhanced to job, and creativity abilities are strengthened.

While CBE offers many advantages during learning, it also comes with some noticeable difficulties. One main challenge is that it can be time-consuming because it is more personalized style of teaching which requires much time when controlling process unlike standardized tests. Moreover, teachers must be well-experienced and well-trained to teach students effectively. It mostly depends on how to change curriculum principles into real practical situations, that's why educators must learn the latest methodology.

Another important point is which educational institutions should provide supportive environments like advisors or mentors which can understand everything very well and they should motivate students to learn because Competency-based education always struggles with time management and flexibility. Students need to be self-motivated and disciplined because of hard tasks or strict deadlines.

Competency-based learning is one of the most important ways in educating learners which enhance not only conceptual analysis but also using their knowledge in real-world. This approach turns students into main participant of lessons and directs the process to beneficial results in different ways. CBE develops students' problem-solving skills, communication skills and coworking ability in auditory. Unlike traditional methodologies, CBE helps to memorize everything deeply and effectively. In addition to this, for implementation this style correctly, teachers should develop their own methodology skills because they are not only lecturers, but also instructors and organizers of lessons which can give instruction students for being human mature and CBE is the main approach to evolve competitive specialist.

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