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## **MODEL OF PROFESSIONAL COMPETENCE OF FUTURE ENGINEER OF ENGINEERING FIELD**

Researches in the field of modern pedagogy in the context of modernization of education, economics and production lead to awareness the necessity to find new educational structures that contribute creating conditions of preparation of competent specialists, new ways and approaches of growing the quality and level of professional education. The conceptual base of conversion the training system is a competence approach which extends the content of training, deepens knowledge, their practical orientation and promotes specific competencies demanded by the real conditions of production.

From the position of competence approach the level of education depends on the ability to solve problems of different complexity on the based of existing knowledge. In addition, it is known that a competent specialist is a competitive in the labor market only if he is fluent in his profession and orientes in related fields of activity, professionally mobile, capable to self-development, self-realization, and is a socially responsible creative person which corresponds the priority and future needs of the national economy.

We know today the most popular are graduating students which have theoretical knowledge, professional skills and abilities to solve professional problems and tasks in real-world situations using knowledge and experience. These components areate a model of professional competence of specialists in any industry that it is necessary to form in educational establishments.

In modern society the role of engineering is very important. The problems of practical using of scientific knowledge, increasing the efficiency of scientific researches and development put today the engineering activity on the cutting edge of the whole economics and modern culture. One of the most important sectors of the economics is engineering, so as technological progress in all sectors of the economic materializes through its products. And, as you know, material production capability is not impossible without highly qualified specialist, in this case the engineer of engineering industry.

That is why there is a problem of determining the components of professional competence of engineer of engineering industry, construction of its model, filling the content of professional training of future specialists of the giving field, the development of the most effective methods of professional competence of future engineers.

Based on the definitions "competence" and "competency", we have come to the conclusion that the competencies are its components. In addition, we know that every type of professional activity of certain specialist has specific professional functions. Thus, it can be affirmed that professional competence of engineer of engineering industry is the amount of certain types of his professional activity, and competence in this case can be considered as a professional function that describes a specific list of knowledge and skills.