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DESIGN-EDUCATION IN THE STRUCTURE OF PROFESSIONAL TRAINING OF FUTURE TECHNOLOGIES TEACHER

The main purpose of the educational field "Technology" is forming of technical and technological educated personality prepared for life and active work in today's high-tech informational society. Structuring of content filling of the giving field is taken place on the based of following semantic lines: man in technical environment; technological human activities; social and professional orientation in the labor market; graphic of human culture; man and information activities; project activities in the field of human material culture [3, p.7]. The basis for realization of these structural modules are project, technological and informational activity that integrates all kind of modern activity of man: from appearing of creative thoughts to realization of ready product.

According to tasks of educational field "Technology" as for general educational school, the main purpose of pedagogical universities in preparation of future technology teachers is formation of fully developed personality (specialist) that would be able to realize these content lines. Thus, professional training of graduate student must satisfy the definite requirements that allow to apply the acquired knowledge and skills in their future professional activity. The professional training of future technology teacher is carried out according to the following scheme: general and technical, technological and creative engineering training [2]. Thus, the basis of general technical training is polytechnic knowledge and skills.

Technology training is characterized by mastering the knowledge, transformed to level of abilities and skills in development of technological processes of manufacturing products, carried out by single algorithm of technological projecting: choice of a workpiece and method of its preparation; development of detail's operational technology. Creative and constructional preparation is to develop skills for design and construction of production facilities, calculation of indicators that will ensure its functioning and durability in definite conditions, on the base of some idea about technology of the object. Creative and design preparation is devoted to design activity. At the present stage of the development of education field "technology" it is very popular the conception of design education of personality. The main tasks of design education is to develop creative design skills, formation of educational orientation in practical readiness to project-technological activity, educating of general labour culture of personality

Researchers and educator have developed a great number of programs, schedules in design education as a profile study of senior pupils [3], so as for pupils of lyceum, gymnasium and colleges [4], there have been published books and manuals in design education. Accordingly, the curricula as for preparation of technology teachers they require the teaching the discipline "Basis of design". By

the way, in comparing with plans of previous years, students mastered the elements of design education in discipline of professional or profile cycles.

Design education for training of technology teacher has a conceptual, and system-criterial sense, because design is the process of design is nothing as a tool of technology teachers and it is a complex type of creative activity at the intersection of science, technology and art.