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Для научных и инженерных работников, специализирующихся в области изучения этих проблем.

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Розглянуті проблеми освіти, динаміки і міцності, матеріалознавства,  
нанотехнологій, економіки та управління.

Для науковців та інженерних працівників, які спеціалізуються в  
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## THE FORMATION OF TECHNICAL CULTURE AS THE FOUNDATION OF BASIC COMPETENCIES SENIORS ON NAVIGATION IN THE PROCESS OF PROFILE TRAINING OF SPECIALISTS

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The present world indicates that the well-formedness requirements for modern high school students, along with the provision of comprehensive knowledge, consistent training to the choice of future professional activity, which should correspond to personal qualities, abilities and capabilities of each individual. However, in Ukraine today there is a lack of balance in the plan view of prospects of use of human resources with a priority policy, which is implemented at the regional level. Specified is confirmed by the

fact that over the past few years in the state among young people increase in the demand for economic, legal and managerial (management) profession. That, in turn, led to the fact that graduates from these areas significantly more than jobs that can provide public and private enterprises. So, as has been elucidated by us and described in our research study, requires deliberate planned policy of training needs of the local population of each individual region, taking into account the industrial and economic orientation. Relevant is the development and implementation of systems prepare high school students for future career, aimed not only to familiarize with defined occupations and their characteristics in the workplace; technological processes, equipment, technical documentation, and the like.

So, now, in times of strong development of the integration of society, strengthening of relationships between Ukraine and other countries, of exceptional importance is the knowledge of foreign languages, in particular of the English language, which is recognized as international language in the Navy, which is all records are radio communications, interpersonal communication occurs in the mixed crews of the vessel. According to the normative documents of the International Maritime organization that is English is the professional language of the sea experts, including skippers. Here is formed a pattern of their great command of the appropriate skills, including technical terminology, the formation of foreign language competence. Perfection in the English language will enhance competitiveness in the international market of the marine industry aimed professional knowledge in accordance with international requirements, psychological readiness for productive communication in the international professional environment. According to the reference characteristics of professions of employees, the sea experts need to know English [4]: marine electrician 2-nd class, seaman 1-st and 2-nd class motorman 2-nd class motorman refrigeration units of the 2-nd class, respectively, to the marine specifics to the extent necessary for an understanding of the commands; 1-st mate of captain, mate of captain, marine electrician 1st class, motorman 1st class and motorman refrigeration plants of the 1st class, in accordance with the marine specifics: standard phrase IMO communication at sea (SMCP); in written and oral form for the transmission of information concerning safety of life at sea (electronics); mate of captain on the passenger side at the level of fluency in the overall theme, as well as a special (Maritime and legal). The significance of foreign languages for the skippers is enhanced by the globalizing world and fierce competition among the professionals listed categories for which English proficiency is a necessary feature of professional suitability and possibility of career growth. Moreover, “a variety of forms, methods and means, were introduced and implemented in the Maritime higher educational institution, are not sufficiently effective in

ensuring the necessary level of formation of the graduates' foreign language communicative competence, which would specify the constructiveness of their cooperation and communication in a foreign language with foreign partners and colleagues” [3; 4]. Specified enhanced the mandatory exchange of information messages in English in all regions of the World ocean. It should also be noted that today, English is becoming the primary international means of communication (13 % of the population consider his family; 34 % foreign); German (respectively 18 % and 12 %); French (12–11 %). That is, English is spoken in 51 countries of the world: nearly 410 million people are carriers and find his family, and about 1 billion speak it. This may explain the fact that English is considered the international language of communication. That is why, for competitive, mobile navigators of foreign languages in recent years has become an important tool in their professional activities. The issue of the ownership of AM is not insignificant and for specialists of this level, for which, according to the above features, professional duties, the study of AM is an important key to their future successful career. Throughout the world the knowledge of foreign languages is considered one of the strategically important aspects of development of relations and relations – in many countries the knowledge of one or more of THEM marine professionals receive a significant charge to earnings. Navigator also “must show”, at the first device for swimming practice, knowledge of the English language [3]: general (education, training and favorite classes, life in the dormitory, the leisure activities, relationships with friends, the choice of future profession and the like); professional (knowledge of the terms of the court structure, deck equipment and engine room tool names, a description of the types of work to be performed, the future of official duties)”. Often there is a quite low quality professional speech communication skippers on the official level, this issue, among other established problems in their professional activities, often stands out acutely that “leads to misunderstandings, especially dangerous in emergency situations and communication issues on vessels with a mixed crew misunderstanding by crew members of the label instructions – where failure to act effectively in extreme conditions” [4]. The above mentioned aspects cause the study of the process of formation of technical culture of skippers, the components of which are collinear spunerace vectors: competence in engineering and foreign language communication. Required and the necessity of creating the greatest emphasis on the development of professional integration, namely, practice-oriented English communication that will be implemented in our work. A generalization of the above and the conditions of technologization of the Maritime industry generate the need for additions to the professional competence of the skipper such an important component of both “technical competence”. In the future, believe it is possible to apply the definition of

Maritime English, which is formulated P. Trenkner, who believes that English for specific purposes (specialized or advanced) (eng. English for Specific Purposes – ESP) includes all the funds of the English language that can be used as tools of providing foreign language communication in the Maritime community to help ensure the safety of navigation and development of Maritime industry [1; 2]. Clarified that sectoral and social axiom problems of formation of professional correspondence future navigators of the time requirements determine the review and selection of the conditions of formation of basic competencies of high school students on navigation in the process of profile training. Noted above allows you to combine the identified a comprehensive of contradiction and label them as contradictions between: requirements of the world market of Maritime transport and the level of training of the skippers; professional knowledge, abilities and skills (ZUN) – skippers and ability to implement them in practice; general and continuous need for navigators in the use of innovative technical and scientific achievements of the shipping industry and their readiness for professional activity on innovative technologies with the use of the English language; international standards of professional and personal qualities of skippers (technical skills and knowledge of AM) and limited opportunities for their continuous improvement in UNIVERSITY conditions. Software can be outlined the following tasks: on the basis of studying and analysis of scientific professionally oriented sources to form the author's vision of the structure of the technical competence of the skippers; to outline the content of personal motivation and professional component technical competence of the skippers; to perform a continuous effect of increasing the level of knowledge of the English language on the formation of technical competence of the skippers. A sufficient level of communicative competence is the sufficient mastery of effective ways of professional interaction, conducive to professional success in the future. Constant probability of cooperation with representatives of navigation of other countries confirms the need not only of learning, namely English as an international language, but also indicates the necessity of studying professional terminology in English is still in the process of profile training of senior pupils. Profile training of senior pupils must ensure the formation of professional (core) competencies, the basic components as it was clarified, is a technical and communicative competence.

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## **IT ENSURE THE FORMATION OF PROFESSIONAL COMPETENCE OF FUTURE OF MECHANICS ON REPAIR OF CARS**

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Professional competence of a skilled worker, motor profile, for example, the mechanic on car repairs, and competence of the future master, worker, modern service station of cars with a different focus. Professional competence is a system of universal knowledge, abilities, skills in performing internal employees and external contractors on repair, maintenance, diagnostics and adjustment of a modern car. New standards for the development of the automobile industry and enterprise, the introduction of new technical tools pose high demands to professional training of skilled workers [11]. According to the qualifications of the mechanic on repair of the cars must have a thorough knowledge not only of vehicle unit, but also from electrical, electrical engineering, material science and other related disciplines as a single unit [9]. Components of professional competence of a skilled worker, motor profile can be represented in a diagram [9].

Each component of professional competence is essential, which in turn encourages teachers and trainers to search for new forms and methods of transmission of educational material. Summarizing teaching practices and analyzing the learning process in vocational and technical institutions see children who come to training, have a very low level of knowledge on