

RETROSPECTIVE ANALYSIS OF THE FORMATION OF TRAINING EXPERTS "COMPUTER ENGINEERING".

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Engineer, engineering activities, computer engineering, information technology.

The article deals with the origin, formation, development of engineering and technical education in the development of science and technology. The basic stages of engineering and the difference between engineering and technical activities are cited. Engineering activity arises up then, when making of tools can not be based only on tradition, adroitness of hands, shrewdness, and requires an orientation on science. The origin of the word "engineer" and incipience of direction of preparation the "Computer engineering" are considered, as a computer engineering it is technical (vehicle) equipments and system software of the computer systems and networks of the universal and special setting, and also their components. The basic areas of training namely schemes and system integrators designing computer systems, development of system and application software design local and wide area networks, development of physical principles, hardware and software coding, transmission and protection of information in computer systems are analysed.