**Shevchuk O.B. Separating the problems of creating and using high-performance information technology training in the professional training of specialists in the financial and economic field**

In the article, for the first time, the main and 6 auxiliary problems are identified and formalized, which require: improvement of the professional training of specialists in the field of finance and economics based on the use of intellectual, expert and expert teaching systems; development of pedagogical approach, system of principles, generalized architecture, formalization of the conceptual apparatus, taking into account the psychological and physiological characteristics of those who study; developing a system for assessing the effectiveness of using a new class of information systems learning.

 The solving of isolated problems will allow to improve and significantly increase the pedagogical component of professional training of specialists in the financial and economic field.

*Key words*: problems, pedagogical technologies of training, intellectual systems, expert teaching systems, professional training