

Mediterranean Journal of Social Sciences 2015 vol.6 N2S3, pages 43-49

---

## **The peculiarities of the advanced training of the future specialists for the competitive high-tech industry in the process of integration of education, science and industry**

Shaidullina A., Sheymardanov S., Ganieva Y., Yakovlev S., Khairullina E., Biktemirova M., Kashirina I.

*Kazan Federal University, 420008, Kremlevskaya 18, Kazan, Russia*

---

### **Abstract**

© 2015, Mediterranean Center of Social and Educational Research. All rights reserved. The urgency of the advanced professional training of the future competitive specialists for a high-tech industry is conditioned by the fact that one of the strategic objectives of modern production is to provide a new generation with the manpower, the leaders of production who can not only purchase and adapt foreign models, but also but have the qualification to develop and introduce new home-produced samples, and also be able to quickly adapt to new social and economic conditions. Therefore, this article aims to identify the features of the advanced training of the future specialists for high-tech industry in the process of integration of education, science and industry. The authors have found the distinctive features of the institution providing the advanced training of the future competitive specialists; proposed measures for the development of advanced training; set the requirements to the syllabus and technology of advanced training; discussed the conditions for the implementation of the advanced training of the future competitive specialists in the condition of education, science and industry integration. The issues of this article are of both theoretical and practical value for the management and teaching staff of the vocational education institutions.

<http://dx.doi.org/10.5901/mjss.2015.v6n2s3p43>

---

### **Keywords**

Advanced training, Education, Future specialists, High-tech industry, Integration, Science