## **EDUCATION AS A PART OF SOCIAL LIFE**

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Constant updating of knowledge has received much international attention and is particularly important for the development of societies that want to have high qualified and competitive citizens [3].

Education is the process of learning, teaching, getting knowledge, skills, competences and habits. It is the part of social life and is required for realizing person's potential. Education is not only personal interest, but the interest of family, society, nation and state. In addition, it is the process of developing spiritual, moral, creative, physical and professional competences.

Many people think about education like just studding with a teacher at schools. Such education includes teaching of reading, writing, mathematics, history and other subjects. One teacher specializes only in one discipline. Education usually takes place under the guidance of educators, but learners may also educate themselves. Education is commonly divided formally into such stages as preschool or kindergarten, primary school, secondary school and then college or university.

Education was born in an ancient family, when the elder shared their own experience with young generation. First systematic educational process was mentioned in Ancient East (China, India, Babylon, and Assyria) and Ancient Egypt. There were three streams: royal, wizard and military. The first institution of higher education in Europe was the Academy founded in Athens by Plato. Education system gets its further development in the next XIX-XX centuries, when industry demanded professional qualified specialists.

Today education has two principles based on natural abilities and needs as well as culture offered by A. Diesterweg [1].

Process of education globalization has begun after the Bologna Process between European countries since 1999. 50 countries including 3 Middle Asian ones take part in the Bologna Process. Higher education systems in European countries should be organized in such a way that: it is easy to move from one country to the other one for studding; to study at European universities; the European Higher Education Area provides Europe with a broad, high quality and advanced knowledge base [4]. The work-plan for 2015-2018 declare a broader place to the national stakeholders [2].

## **References:**

1. Diesterweg A. Nature and Culture. – 1832. – Retrieved from: http://jorigami.ru/PP\_corner/Classics/Diesterweg/Diesterweg\_Adolf\_Nature\_and\_Culture.htm (date of access: 14.09.2016).

- 2. Bologna Follow-Up Group Work Plan 2015-2018. 2015. Retrieved from: http://media.ehea.info/file/20150908-09-Luxembourg/77/5/BFUGMeeting\_LU\_LI\_48\_6\_1a\_WP\_fin\_614775.p df (date of access: 14.09.2016).
- 3. Buggermann H. Development of a National Advanced Education System for Teaching and Management Personnel. 2013. Retrieved from: https://www.giz.de/akademie/de/downloads/Lehrbrief\_24\_\_\_\_\_Development\_of\_a\_National\_Advanced\_Education\_System.pdf (date of access: 14.09.2016).
- 4. Council of Europe Bologna for Pedestrians. 2010. Retrieved from: http://www.coe.int/t/dg4/highereducation/EHEA2010/BolognaPedestri ans\_en .asp#P132\_13851 (date of access: 14.09.2016).
- 5. Official site of European Higher Education Area and Bologna process. 2016. Retrieved from: http://www.ehea.info/ (date of access: 14.09.2016).

## THE MOST DEMANDED SPECIALTIES IN SOUTH AFRICA

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The employment levels in South Africa are definitely not something to boast about and the employment rate in this country is quite low, especially in recent times due to the economic recession and political change. But, despite these facts, many specialties and a lot of careers are still popular.

According to the Government Survey and statistic which was released in 2015 the most demanded are engineering, accounting, teaching, medical jobs and Audiologists and Speech Therapists.

The most popular fields where many engineering specialists are engaged are Physical and Engineering Science, research on environmental safety, biomedicine, industrial and production engineering. The reason there is such a demand in these fields is because South African Educational Institution produces far too few engineers required the growing demand. To meet the increasing demands in specialists South Africa is looking to quadruple its yearly number of graduates in the above mentioned areas.

In terms of the demand of accounting spec. in South Africa the special organization, the SA Institute of Chartered Accountants (SAICA) believes that Africa needs about 22,000 chartered accountants to fill the gap in the industry.

Chartered accountants have a large range of responsibilities such as handling tax returns, performing audits and they also help businesses streamline save their expenses.