

## **Abstract**

### **Transformation Education on Mining Faculty**

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Our formerly Mining faculty has been the successor of the Mining Academy in Banská Štiavnica founded in 1762. It was first mining academy in central Europe. After exchange policy (1989/90) in post socialism countries the state ceased to support a development of mining.

It was reason of decrease the number students on faculty. In that time was made transformation old faculty. New a biggest Department of Applied Informatics and Process Control was founded in 1990 by joining the educational and research section of the TU Computer Science-Techniques Institute and the Management Section of the Economy and Management department. These human resources including old staff prepared a new study program “Process Control of Raw Materials Extraction and Processing” for postgraduate and PhD studies.

Since 1994 we started to provide the bachelor study in study program “Informatics in Company and Public Administration” in the co-operation with the Department of Management and Entrepreneurship.

Finally, the faculty was renamed on “Mining, Ecology, Process Control and Geotechnologies in 1995.

Gradually, in diploma study the following specializations have arisen:

- Technological management
- Engineering management
- Management of quality
- Applied informatics in processes
- Industry logistics
- Utilizing and protection earth resources
- Industry business

The common features and the study plan will be described in paper. The interest about the study in these specializations is a big because 75 % students study it on faculty. Numerous innovations in high – school curriculum in formerly others study programs were made too but it has not been very successful.

Probably, if this transformation should have not made then at present time Mining faculty does not exist. The following review confirms that the educational reform has been successful

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<b>Academic year</b>	<b>Number of students</b>	<b>Number of study program</b>
1988/89	505	8
1989/90	428	7
1990/91	508	7
1991/92	527	6
1992/93	611	6
1993/94	642	7
1994/95	932	11
1995/96	1132	11
1996/97	1252	11
1997/98	1449	11
1998/99	1655	11
1999/2000	1547	11
2000/01	1905	11
2001/02	1957	11
2002/03	2239	11
2003/04	2796	12