

EDUCATION REFORM FOR THE
VOCATIONAL EDUCATION

*Appendix: Education of Mathematics
on secondary level*

**“Education reform –A Message to
Bosnian and Herzegovina citizens“**

Promise 3: “ We will support economical development of Bosnia and Herzegovina through the implementation of modern, broad, flexible and high quality vocational education which will answer the needs of work market on the following ways: We will improve vocational education to insure these activities answer the needs of the work market, that are well integrated in the system of elementary, general, secondary and higher level of education, and that are based on the principles of lifetime learning.”

LISBON 2000

Community of European Countries is setting up a strategic aim for the development of quality vocational education based on:

- **Social integration**
- **Cohesion and mobility**

Copenhagen Declaration

- principle of enlargement of transparency of vocational education
- principle of insurance of quality in vocational education

AIMS

- To remove weaknesses of the present system of vocational education
- Modernization
- Democratization
- Strong connection with the work market

REFORM SUBJECTS

- EU VET Program
- Representatives of educational ministries
- Representatives of the cantons
- Representatives of the Federal ministries
- Bureau of Economics
- Office for employment
- Work unions

WHY REFORM?

The center of the reform is a student which is becoming a subject of education. It implies:

- Change of the student-teacher relationship
- Application of the modern teaching methods
- Greater involvement of the parents into school work and life
- Active involvement of employers and economy according to the European standards and trends

CLASSIFICATION OF THE VOCATIONS AND NEW NOMENCLATURE

- Present education system is organized and managed on the cantonal level. To enable free migration of citizens and continuation of education on the whole state territory was necessary to set up a new unified classification of the vocations on the state level.

THE PRINCIPLES OF THE CLASSIFICATION

- Rationalization
- Formation of the groups of the similar vocations
- Set up specialization competences needed in a certain vocation
- Set up a level of the complexity of the vocation
- Enable a flexible approach according to the specific needs declared by present laws
- Adjust the classifications in Federation of BiH and Republic of Srpska

PROPOSAL OF THE CLASSIFICATION IN NUMBERS

- Number of the groups of vocations ...13
- Number of vocations.....100
- Three years program vocations 61
- Four years program vocations..... 39

CONCLUSIONS

- To support the proposal of the Law for Secondary Level Vocational Education and accept it on the state, entity and cantonal level
- To support appreciation of the classification of the vocations with the specialization competences on the state, entity and cantonal level
- Develop and appreciate basic curriculum for Secondary vocational schools and Technical schools for: general subjects, vocational theoretical subjects and practical education
- The coordination of the aims given by 1, 2 and 3 will be coordinated by the Federal Ministry of Education

GENERAL EDUCATION IN REFORM (GIMNAZIJA)

- No big changes
- Unified kernel of subjects

Appendix: short observation on secondary level education of Mathematics, activities

- Curriculum
- Text-books
- Competitions
- Cooperation of mathematicians

THANK YOU
